SCH-n330 Series

All Digital

Mobile Phone

User Guide

Please read this guide before operating your phone, and keep it for future reference.

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SCH-n330 closed view

SCH-n330 open view

Quick reference

Cut out and use this page as a handy quick reference for several useful features in your phone.

1) CALLS

1) Outgoing
2) Incoming
3) Missed
4) Erase Logs
5) Call Timer
6) Data Counter

2) CONTACTS

1) Find
2) Add
3) Rename Group
4) My Phone #
5) Memory

3) MESSAGES

1) Send New Msg
2) Voice Mail
3) Inbox
4) Outbox
5) Draft
6) Saved
7) Wap Push
8) Msg Setting
9) Erase Msg

4) MOBILE WEB

1) Get In Web

5) PLANNER

1) Today
2) Scheduler
3) Jump To Date
4) To Do List
5) Memo Pad
6) Count Down
7) Alarm Clock
8) World Time
9) Calculator

6) DISPLAY

1) Menu Style
2) Animation
3) Banner
4) Backlight
5) Contrast
6) Auto Hyphen
7) Service LED

7) SOUNDS

1) Vol./VibeTonz
2) Ringer Type
3) Key Beep
4) Alerts
5) Power On/Off
6) Roam Ringer

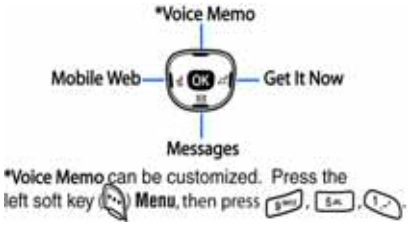
8) VOICE KIT

1) Voice Memo
2) Voice Setup

9) SETUP

1) Location
2) Network
3) Data
4) Security
5) Others
6) Version

Navigation shortcuts (in standby mode)



Quick reference

Turn the phone on and off

Press and hold to turn the phone on or off.

Enter/Exit Silent Mode

In standby mode, press and hold . To exit, press and hold .

Standby mode is the state of your phone once it has found service and is in the idle state.

Set call ringer volume

1) In standby mode, press the volume key on the left side of the phone.
2) Press the volume key up or down to set call ringer volume as desired.

View recent calls

In standby mode, press . Your recent calls appear in the display.

Change the wallpaper

1) In standby mode, press the left soft key ( ) **Menu**, then press , , .
2) Select **Preloaded** from the pop-up menu.
3) Use the left or right navigation keys to select your choice of wallpaper.

Save a number (quickly)

1) In standby mode, enter the number to save using the keypad.
2) Press . With **New Entry** highlighted, press again.
3) Select the number type using the navigation keys, the press .
4) Enter a name for the entry using the keypad, then press .

View software and hardware information for your phone

In standby mode, press the left soft key ( ) **Menu**, then press , .

Introduction

Congratulations on your purchase of the Samsung SCH-n330 mobile phone. The features listed below are a sample of what SCH-n330 has to offer. We ask that you read this guide to understand the many features that this phone supports and keep it handy for reference.

Key features of the SCH-n330

- 128 x 160 pixel Liquid Crystal Display
- High speed data (CDMA 2000 1X Technology)
- Global Positioning Technology (GPS)
- PIM functions (Scheduler, To Do List, etc.)
- TXT Messaging
- Enhanced Messaging Service (EMS)
- Voice Dial
- Speaker phone
- 32 Polyphonic Ringtones
- VibeTonz™ Technology

How to use this guide

The chapters of this guide generally follow the same order as the menus and sub menus in your phone. A robust index for quick reference to most features begins on page 149.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 115.

If you still have questions, we'll be happy to answer them. Just call our Samsung Customer Care Center toll-free at 1.888.987.HELP (4357).

Install the battery

Your phone comes packaged with a partially charged rechargeable standard Li-Ion battery and travel adapter.

Important! The phone can be used while the battery is charging; however, it must be fully charged the first time you use your phone, otherwise you could damage the battery.

1. Place the battery so it rests in the slot in your phone just below the battery release latch.
2. Gently slide the battery up until it snaps into place.

Remove the battery

1. Press and hold to turn off the phone (if on).
2. Move the battery release latch toward the top end of the phone and hold.
3. Slide the battery down and lift it away from your phone.

Charge the battery

Your phone is powered by a rechargeable standard Li-Ion battery. Only use Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. **Using other accessories may invalidate your warranty and may cause damage.**

Use the travel adapter

The travel adapter is a convenient, light-weight charger that rapidly charges your phone from any 120/ 220 VAC outlet.

1. Plug the large end of the travel adapter into a standard 120 or 220 VAC wall outlet.
2. Insert the smaller end of the adapter into the charger/ accessory connector at the bottom end of the phone.

Low battery indicator

The battery indicator ( ) in the upper-right corner of the display screen indicates the battery power level. Three bars indicate a full charge, while an empty battery icon indicates your battery is almost empty. Two to three minutes before the battery charge level becomes too low to operate your phone, a blinking, empty battery icon ( ) displays and a tone sounds. If you continue to operate your phone without charging the battery, it will shut off. Be sure to monitor the battery strength icon and ensure your battery is adequately charged.

Pop-up display

The unique pop-up display is designed to provide maximum visual space in a compact phone, as well as, restrict unwanted dialed calls.

To use your new n330 handset, follow the steps listed below:

1. Hold you phone in an upright position and simultaneously press both pop-up display buttons located on each side of the phone to extend the display.
2. Once the phone is on, you can make calls using the key pad and access the menu options of your phone to personalize it to fit your needs.
3. To retract the display, gently push the top of the display down until it locks in place.

Understand your phone

Intenna

Avoid touching the intenna while the phone is powered up. Contact with the antenna affects the quality of your calls and may cause the phone to operate at a higher power level than necessary.

Backlight features

You can choose the amount of time that the display and backlight remain illuminated after a period of inactivity. Keep in mind that increasing these settings reduces battery life.

1. In standby mode, press the left soft key ( ) **Menu**.
2. Press , , for **Backlight**. The following backlight options appear in the display.

   1 Lcd
   2 Keypad
   3 Power save
3. Use the navigation key to highlight **Keypad** or **Power Save**, then press .
4. Use the navigation key to highlight the amount of time that you want the keypad or display to remain illuminated after a period of inactivity, then press .

Alpha-numeric keypad

Use the alpha-numeric keypad to enter text, numbers, and special characters.

Left soft key

Functions for the left soft key ( ) are defined by what appears above it in the display. Some functions of the left soft key are as follows.

- Press the left soft key ( ) **Menu** to enter the Main menu.
- Press the left soft key ( ) **Option** to view options in some features.
- Press the left soft key ( ) to acknowledge browser charges and other functions.

Right soft key

Functions for the right soft key ( ) are defined by what appears above it in the display. Some functions of the right soft key are as follows:

- Press the right soft key ( ) **Back** to return to the standby mode from any main menu.
- Press the right soft key ( ) **Back** to return to the previous menu from a sub menu.
- In standby mode, press the right soft key ( ) **Contacts** to enter the **Contacts** list.

End key

- Press and hold to turn off and turn on your phone.
- Press once to disconnect a call, return to standby mode, or cancel any input.

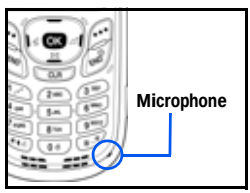
Clear key

The CLR key ( ) is used to erase or clear numbers from the display. You can also use to return to a previous menu or to return to standby mode from any menu.

- If you enter an incorrect character, briefly press to backspace and delete.
- To erase all digits or characters from the display screen, press and hold .
- To back up one menu level, briefly press .
- To return to standby mode from any menu, press and hold until you return to standby mode.

Microphone

The microphone, located just beneath on the keypad, is used for conversation, voice setup, and recording voice memos.



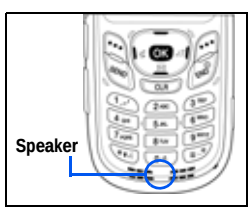
Headset connector

The headset connector is the input jack for the optional hands-free headset. The headset includes an earbud and microphone in a convenient, lightweight unit so you can talk without using your hands.

- Before connecting the headset, gently pry open the input jack cover to expose the connector inside.

Speaker

The speaker, located on the front of your phone, plays audible sounds such as ring tones and alerts.



Volume key

The volume key is located on the left side of the phone. Use the volume key to set the call ringer volume in standby mode or earpiece volume while in a call. You can also use the volume key to scroll through menus, sub menus, and lists.

Send key

The **Send** key ( ) is used to answer calls, dial calls, and to recall the last number (or list of numbers) dialed.

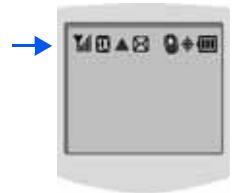
- Press once to answer calls.
- Enter a number and press once to connect a call.
- Press once in standby mode to display the recent calls list, which includes the last 20 outgoing, 20 incoming, and 20 missed calls.
- Press twice in standby mode to call the most recently dialed number.

Navigation key

Use any of the four directional keys on the navigation key to browse menus, sub menus, and lists. Each of the four keys also acts as a shortcut to launch specific applications, and the Up navigation key is user definable. Use the center ( ) key to select a highlighted feature, confirm prompts, or to jump to highlighted links on the web.

Your phone's display

The top of your phone's display contains icons that indicate network status, battery power, signal strength, connection type, and more. The following list contains icons that may appear in your display.



Display screen icons

Signal strength: Always displays when your phone is on and indicates the current signal strength. The more lines displayed, the higher the received signal strength.

Ringer Silent: The ringer has been set to **Silent** using the volume key on the side of the phone.

Service indicator: Indicates a call in progress. When dialing a number, this icon flashes until the call connects.

No service indicator: Indicates your phone cannot find a signal because you're outside a service area. You cannot make or receive calls. Wait for a signal or move into an open area. This indicator displays when your phone is turned on but turns off when a service signal is located.

Roam: Extended roaming indicator. Roaming occurs when you use your phone outside your home area. While roaming, a wireless provider's system other than Verizon Wireless handles your call, so the service rate for the call may be higher than those made within your home area. Please refer to information from Verizon Wireless on roaming rates.

Text message: Indicates that you've received a new text message. You're also notified by a visual, audible, and VibeTonz™ alert according to your assigned preferences.

Voicemail message: Indicates that you've received a new voice message. You're also notified by a visual, audible, and VibeTonz alert according to your assigned preferences.

WAP push & voicemail message: Indicates that you've received voice and WAP push messages. You're also notified by a visual, audible, and VibeTonz alert according to your assigned preferences.

WAP push, TXT & voicemail message: Indicates that you've received text, voice, and WAP push messages. You're also notified by a visual, audible, and VibeTonz alert according to your assigned preferences.

1X Protocol: Indicates your phone is using the 1X protocol.

Battery strength: Indicates the battery charge level. The more black bars, the greater the charge. When the battery becomes very low, a flashing empty battery icon displays and the phone sounds an audible alert, which indicates your phone is about to shut down.

Alarm clock: The alarm clock is set.

GPS (911 only): This icon represents Global Positioning Service (GPS) for 911.

GPS: Indicates GPS is on for location.

Silent mode: Indicates your phone is in silent mode. Ringer is silenced for all alerts, incoming calls, and incoming messages. The phone alerts you of incoming calls, alerts, and messages by vibration and a flashing Service LED.

Vibrate mode: Your phone is in vibrate mode. When you receive a call, the phone plays VibeTonz touch sensations instead of ringing.

Speakerphone on: Your phone is in speakerphone mode. You can talk and listen to your call without holding your phone next to your ear.

Your phone's modes

Call answer mode

You can select the method for answering your phone when you receive a call.

1. In standby mode, press the left soft key ( ) **Menu**, then press 9, 5, 2. The following call answer options appear in the display.

   Send Key
   Send or Slide Up
   Slide Up
   Any Key

2. Use the navigation key to highlight an option.
3. Press OK to select the method for answering calls.

Input mode

Use input mode (ABC, Symbol, 123, or T9 Word) to enter text, numbers or symbols into messages, events, and other functions. The input mode is indicated in the right lower part of the display. For more information about changing the input mode, see "Change text entry modes" on page 51.

Lock mode

When you lock your phone using **Lock Mode**, (Menu 9, 4, 1), restrictions are placed on phone use. You can receive messages and calls, but you cannot make outgoing calls (except for emergency numbers) until you unlock the phone. **Lock Mode** also restricts access to menus and the volume key. The default code used to unlock your phone is the last four digits of your phone number.

Standby mode

Standby mode is the state of your phone once it has found service and is in the idle state. Your phone goes into standby mode:

- After you power it on.
- When you press after a call.

When in standby mode, you will see the time, day, and date as well as all other active icons.

1. While in standby mode, enter a phone number, and press to place a call.
2. Press to return to standby mode.

Receive messages in standby mode

You can receive messages while in standby mode. An alert tone sounds and a notification message displays when a new message arrives.

1. Extend the slide on your phone, if closed, by pressing both pop-up display buttons at the same time.
2. To view the message, press the right soft key ( ) **View**, or press the left soft key ( ) **Ignore** to view the message later.

Talk mode

You can only place and receive calls when your phone is on. While in a call your phone is in talk mode. Press the left soft key ( ) to display a list of **In-Use** menu options. See “In-use menu” on page 29 for more information.

Silent mode

With a single press of the key you can silence the call ringer and tones that your keypad makes whenever you press a key. When you receive a call, the phone vibrates instead of ringing.

Enter Silent mode

- In standby mode, press and hold . **Entering Silent Mode** briefly displays and your phone returns to standby mode. The appears in the display.

Exit silent mode

- In standby mode, press and hold . **Exit Silent Mode** briefly displays and your phone returns to standby mode.

Vibrate mode

You can set your phone to vibrate while in Standby mode by either using your volume key or selecting **VibeTonz**™ from the Volume menu.

- In standby mode, repeatedly press the volume key ( ) down until **VibeTonz** appears in the display. For more information about **VibeTonz** touch sensations see page 87.

  – or –

1. In standby mode, press the left soft key ( ) **Menu**, then press , , .
2. Use the navigation key until **VibeTonz** appears in the display, then press .

Power save mode

Unless the backlight setting for the LCD has been changed, the backlight dims after a minute of inactivity, and then turns off. With **Power save** enabled, the backlight for the LCD is always dim. After approximately one minute of inactivity, **Power save** turns the backlight off. To enable or disable **Power save**:

1. In standby mode, press the left soft key ( ) **Menu**.
2. Press , , for **Backlight**. The following backlight options appear in the display.

   1 Lcd
   2 Keypad
   3 Power save
3. Use the navigation key to highlight **Power save**, then press OK. **Off** and **On** appear in the display.
4. Use the navigation key to highlight **On** or **Off**, then press OK.

Ringer setting

1. In standby mode, repeatedly press the volume key ( ) on the left side of the phone up or down. Options are:

- **Silent**
- **1 Beep**
- **VibeTonz**
- **Level 1**
- **Level 2**
- **Level 3**
- **Level 4**
- **Level 5**
- **Vib+Ring**
- **Vib&Ring**

2. Press OK once you're satisfied with the setting. The phone returns to standby mode.

Getting started

Obtaining service

Contact Verizon Wireless and follow their instructions for obtaining service, if necessary. We suggest that you read this user guide to fully understand the services that your phone supports.

Turn your phone on

1. Extend the slide on your phone by pressing both pop-up display buttons on your phone at the same time.
2. Press and hold for two or more seconds.

As with any other radio-transmitting device, do not touch the antenna as it affects call quality and can cause the phone to operate at a higher power level than is necessary.

---

3. **Verizon** momentarily appears in the display and your phone begins searching for a network signal.
4. Once your phone finds a signal, the time, date, and day appear in the bottom of the display.
5. You're now ready to place and receive calls.

If the phone is outside of your carrier's coverage or roaming area, the icon appears in the top of the display. If you cannot place or receive calls, try later when service is available.

Turn your phone off

- Press and hold for two or more seconds. Your phone powers off.

If your phone is on and you press for less than one second, the phone will not power off. This feature prevents your phone from being turned off accidentally.

Make and answer calls

Outgoing

1. With the phone on and the slide up, enter the number you want to call using the keypad.
2. Press to place the call.

Incoming

When you receive a call, the phone displays one of the following:

- If the caller can be identified, the caller's number (or name if they're in Contacts) displays.
- If the caller can't be identified, **Call from unavailable #, Call from restricted #,** or **no number** will display.

Incoming, outgoing, and missed calls are automatically stored in call logs. The last 20 calls you answered, made, or missed are stored in their respective logs.

Call notification features

Your phone notifies you of a call in a variety of ways.

- 10 ring volume settings including **Silent, 1- beep**, **VibeTonz**, **Vib+Ring** or **Vib&Ring**. For information on changing the ringer notification, see “Ringer setting” on page 18. For more about the **VibeTonz** touch sensations see page 87.
- Different ring types to distinguish callers.
- Name display with Caller ID. (If the caller’s name is programmed into your Contacts).

Your phone continues to alert you to an incoming call until one of the following occurs:

- You answer the call.
- The calling party ends the call.
- The call is sent to voicemail.

Call answer

You can select from three methods for answering your calls. You can change this option in the **Setup** menu.

1. In standby mode, press the left soft key ( ) **Menu**, then press 9, 5, 2. The following options appear in the display.

   Send Key
   Send or Slide Up
   Slide Up
   Any Key

2. Use the navigation key to highlight the call answer option of your choice.
3. Press OK to select the highlighted option.

LCD backlight setting

To extend the charge of your battery, the display goes blank when the screen is idle for a period of time. The amount of idle time allowed can be adjusted in the **Backlight** menu.

1. In standby mode, press the left soft key (—) **Menu**, then press 6 Mno, 4 ghi, 1 . The following options appear in the display.

   5 Seconds (default setting)
   10 Seconds
   15 Seconds
   Slide Up

With **Slide Up** selected, the backlight remains on as long as the LCD display is in the up position. This can discharge your battery significantly.

---

2. Use the navigation key to highlight an option.
3. Press OK to select the highlighted option.

Silence an incoming ringer

- Press the up or down volume key or press when your phone rings for an incoming call to silence the ringer.

Ignore an incoming call

When you ignore an incoming call, the call is immediately forwarded to your voice mail.

- During an incoming call, press the left soft key (—) **Ignore**. The call is forwarded to your voice mail.

Voicemail

When you receive a new voicemail, a notification icon appears in the top of your screen.

Set up voicemail

All unanswered calls to your phone are sent to voicemail, even if your phone is turned off. Therefore, you'll want to set up your voicemail and personal greeting as soon as you activate your service. Your service provider has assigned your voicemail number to the key.

1. Press and hold to dial your voicemail. You will see **Voice Mail** and ***86** in the display.
2. If prompted, enter your password and press **.**
3. Follow the system prompts to set up your voicemail.

You can also press , , , then to dial voicemail.

Check voicemail

1. Press and hold . Your phone dials the voicemail system.
2. When you're connected to the voicemail system, enter your password and press **.**
3. Follow the recorded prompts to listen to your voicemail.

Menus and sub menus

1) CALLS

1) Outgoing
2) Incoming
3) Missed
4) Erase Logs
1) OUTGOING
Yes
No
2) INCOMING
Yes
No
3) MISSED
Yes
No
4) ALL CALLS
Yes
No
5) Call Timer
1) LAST CALL
2) TOTAL
3) LIFETIME
4) ERASE TOTAL
Yes
No
6) Data Counter
1) TRANSMIT
2) RECEIVED
3) TOTAL
4) ERASE TOTAL

2) CONTACTS

1) Find
BY NAME
BY ENTRY
BY GROUP
2) Add
NUMBER
E-MAIL
3) Rename Group
1) FRIEND
2) FAMILY
3) COLLEAGUE
4) VIP
5) NO NAME
4) My Phone#
5) Memory

3) MESSAGES

1) Send New Msg
2) Voice Mail
3) Inbox
4) Outbox
5) Draft
6) Saved
7) Wap Push
8) Msg Setting
9) Erase Msg
1) VOICE
Yes
No
2) INBOX
Yes
No
3) OUTBOX
Yes
No
4) DRAFT
Yes
No
5) SAVED
Yes
No
6) ALL MESSAGES
Yes
No

4) MOBILE WEB

1) Get In Web

5) PLANNER

1) Today
2) Scheduler
3) Jump To Date
4) To Do List
5) Memo Pad
6) Count Down
7) Alarm Clock
Once
Daily
Off
8) World Time
9) Calculator

6) DISPLAY

1) Menu Style
1) ICON STYLE
2) TEXT STYLE
2) Animation
1) OPENING
1) Preloaded
Glass Cube
2) My Image
2) CLOSING
1) Preloaded
Glass Cube
2) My Image
3) WALLPAPER
1) Preloaded
Animal
Sports
Etc.
Digital Clock
World Time
Scheduler
2) My Image
3) Banner
4) Backlight
1) LCD
5 Seconds
10 Seconds
15 Seconds
Slide Up

2) KEYPAD
5 Seconds
10 Seconds
15 Seconds
Slide Up
3) POWER SAVE
Off
On

5) Contrast

6) Auto Hyphen
No
Yes

7) Service LED
Off
On

7) SOUNDS

1) Vol./VibeTonz
1) CALLS
Silent
1 Beep
VibeTonz
Level 1
Level 2
Level 3
Level 4
Level 5
Vib+Ring
Vib&Ring
2) ALARM
Silent
1 Beep
VibeTonz
Level 1
Level 2
Level 3
Level 4
Level 5
Vib+Ring
Vib&Ring

2) Ringer Type
1) CALLS
1) Preloaded
Bell 1
Bell 2
Bell 3
Bell 4
Bell 5
Melody 1
Melody 2
Melody 3
Melody 4
Melody 5
Melody 6
Melody 7
Melody 8
Melody 9
Melody 10
2) My Melody
2) ALARM
1) Preloaded
Bell 1
Bell 2
Bell 3
Bell 4
Bell 5
Melody 1
Melody 2
Melody 3
Melody 4
Melody 5
Melody 6
Melody 7
Melody 8
Melody 9
Melody 10
2) My Melody
3) DATA
1) Preloaded
Bell 1
Bell 2
Bell 3
Bell 4
Bell 5
Melody 1
Melody 2
Melody 3
Melody 4
Melody 5
Melody 6
Melody 7
Melody 8
Melody 9
Melody 10
2) My Melody
4) PLANNER
1) Preloaded
Bell 1
Bell 2
Bell 3
Bell 4
Bell 5
Melody 1
Melody 2
Melody 3
Melody 4
Melody 5
Melody 6
Melody 7
Melody 8
Melody 9
Melody 10
2) My Melody

3) Key Beep
1) VOLUME
Silent
Level 1
Level 2
Level 3
Level 4
Level 5
2) TONE LENGTH
Long
Normal
3) VIBETONZ
On
Off

4) Alerts
1) MINUTE BEEP
On
Off
2) SERVICE
On
Off
3) CONNECT
Off
Sound Only
VibeTonz Only
Sound+VibeTonz
4) DISCONNECT
Off
Sound Only
VibeTonz Only
Sound+VibeTonz
5) FADE
On
Off
6) ROAM
On
Off
7) PRIVACY
On
Off

5) Power On/Off
Off
Sound Only
VibeTonz Only
Sound+VibeTonz

6) Roam Ringer
On
Off

8) VOICE KIT

1) Voice Memo
- 1) RECORD
- 2) REVIEW
- 3) ERASE ALL
  - *Yes*
  - *No*

2) Voice Setup
- 1) SET ACTIVE
  - [*] Only
  - [*]/Slide Up
  - [*]/EarMic
- 2) SET DIGITS
  - Adapt Digits
  - Reset Digits

9) SETUP

1) Location
- Location On
- 911 Only

2) Network
- 1) SET NAM
  - *NAM 1*
  - *NAM 2*
- 2) ROAM OPTION
  - *Home only*
  - *Automatic-A*
  - *Automatic-B*

3) Data
- 1) AUTO DETECT
  - *data off*
  - *data for next call*
  - *data until powered off*
- 2) BAUD RATE
  - *Auto*
  - *19200*
  - *38400*
  - *57600*
  - *115200*
  - *230400*

4) Security
- 1) LOCK PHONE
  - *Never*
  - *On Power up*
  - *Now*
- 2) CHANGE LOCK
  - *New code*
- 3) EMERGENCY #
  - *1) 911*
  - *2) #911*
  - *3) *911*
- 4) VOICE PRIVACY
  - *Standard*
  - *Enhanced*
- 5) RESTRICTION
  - *1) Outgoing*
    - No
    - Yes
  - *2) Incoming*
    - No
    - Yes
  - *3) Contacts*
    - No
    - Yes
- 6) ERASE MEMORY
  - *Yes*
  - *No*
- 7) RESET PHONE
  - *Yes*
  - *No*

5) Others
- 1) SHORTCUT
  - *Scheduler*
  - *Voice Memo*
  - *Animation*
  - *Ringer Type*
  - *Alarm*
  - *Calculator*
  - *Memo Pad*
- 2) CALL ANSWER
  - *Send Key*
  - *Send or Slide Up*
  - *Slide Up*
  - *Any Key*
- 3) CALL END
  - *End Key Only*
  - *Slide Down*
- 4) AUTO RETRY
  - *Off*
  - *Every 10 sec*
  - *Every 30 sec*
  - *Every 60 sec*
- 5) LANGUAGE
  - *English*
  - *Spanish*
- 6) CLOCK SET

6) Version

Menu navigation

Access the menus and sub menus in your phone using the navigation key ( ) and soft keys ( ), or use a shortcut.

Navigate using keys

1. In standby mode press the left soft key ( ) **Menu**. The main menus display.
2. Use the navigation key to browse through the menus in your phone.
3. Press OK to enter the menu or sub menu that is highlighted in the display.

Return to a previous menu

There are two methods for exiting a menu or list.

- Press the right soft key ( ) **Back** to return to a previous menu.
- When **Back** does not appear in the display, press to return to a previous menu.

Navigate using a shortcut

You can also access the menus and sub menus in your phone using menu numbers. Use the left soft key ( ) **Menu** to select the main menus, then enter the numbers associated with each menu to access the sub menus directly. Before you can navigate using a shortcut, you'll need to know the menu or sub menu number of the feature that you want to access.

Tip: Use the list of menus and sub menus, which begins on page 24, to navigate using shortcuts.

1. In standby mode, press the left soft key **Menu** ( ).
2. Press the number of the menu, sub menu, and so on for the feature that you want to access.

Example: *Press the left soft key ( ) for **Menu**, then press 5 JKL, 4 GHI. This takes you to the **Planner** (Menu 5), and then to the **To Do List** (sub menu 4).*

Navigation key shortcuts

Some applications can be launched by pressing one of the four navigation keys (see the illustration) while in standby mode. The up key, which is initially set to **Voice Memo**, can be customized in the **Shortcut** sub menu by selecting **Menu**, 9 WXYZ, 5 JKL, 1, and then choosing the option you want to be associated with this key.

*Voice Memo
Mobile Web
OK
Get It Now
Messages
*Voice Memo can be customized. Press the left soft key ( ) Menu, then press 9 WXYZ, 5 JKL, 1.

In-use menu

Your phone includes both a standby menu and an **In-Use Menu**. The **In-Use Menu** applies to when you are in a call.

1. Press the left soft key ( ) **Menu** while in a call to display the options listed in the following table.

In-Use Menu	Function
Calls	Allows you to access the Calls menu. You can also erase your call logs from this menu.
Contacts	Accesses Contacts menu options.
Silent/Quit	Activates or deactivates Silent Mode. In Silent Mode, your phones ringer is silent and key-pad tones are muted. This feature should not be used when you access automated ser-vices that require you to select options, or enter numbers (such as your voice mail pass-word).
Send Tel#	Sends your phone number to the other party of the call.
Send DTMF	Send your phone number as tones (if you're the recipient of the call). Send the recipient's phone number as tones (if you're the origina-tor of the call).
Voice Privacy	Set Voice Privacy to enhanced or standard mode. Voice Privacy prevents the receiving party from seeing your number when you call.
Location	Enable the GPS setting for emergency calls only, or fully enable GPS (always on).
Version	View the software and hardware versions for your phone.

2. Use the navigation keys to highlight an option. Press OK to select the **In-Use Menu** of your choice.

Calls

The calls menu retains information about **Outgoing**, **Incoming**, and **Missed** Calls. You can also view times for your last call and the total of all calls.

In cases where a Contact matches a call log entry, the name associated with the number appears instead of the number.

Outgoing

Your phone retains information about the last 20 outgoing calls and stores them in the **Outgoing** call log. You can review the Outgoing call log for the time and date of the call, as well as other information.

Tip: To quickly view your most recent outgoing calls, briefly press in standby mode. The recent calls lists displays the last 20 incoming, 20 outgoing, and 20 missed calls.

1. In standby mode, press the left soft key ( ) **Menu**, then press , . Your list of outgoing calls appears in the display.
2. Use the navigation key to highlight a call, then press OK to view further information about the call.

Once your selection is highlighted you can do the following:

- Press to dial the number.
- Press OK to review all available call information (name and phone number [if available] and time/date stamp).

- Press OK, then press the left soft key (Option) **Option** to display the options below.

Option	Function
Talk	Call the selected number.
Save	Save the number to your Contacts.
Prepend	Add a prefix to the number.
Erase	Erase the selected call from your Outgoing call list.

Incoming

Your phone retains information about the last 20 Incoming calls and stores them in the **Incoming** call log. You can review the Incoming call log for the time and date of the call, as well as other information.

1. In standby mode, press the left soft key (Menu) **Menu**, then press 1, 2 ABC. Your list of Incoming calls appears in the display.
2. Use the navigation key to highlight a call, then press OK to view further information about the call.

Once your selection is highlighted you can do the following:

- Press SEND to dial the number.
- Press OK to review all available call information (name and phone number [if available] and time/date stamp).
- Press OK, then press the left soft key (Option) **Option** to display the options below.

Option	Function
Talk	Call the selected number.
Save	Save the number to your Contacts.
Prepend	Add a prefix to the number.

Option	Function
Erase	Erase the selected call from your Incoming call list.

Missed

Your phone retains information about the last 20 missed calls (calls that were never picked up) and stores them in the **Missed** call log. You can review the **Missed** call log for the time and date of the call, as well as other information.

1. In standby mode, press the left soft key ( ) **Menu**, then press , . Your list of missed calls appears in the display.
2. Use the navigation key to highlight a call, then press to view further information about the call.

Once your selection is highlighted you can do the following:

- Press to dial the number.
- Press to review all available call information (name and phone number [if available] and time/date stamp).
- Press , then press the left soft key ( ) **Option** to display the options below.

Option	Function
Talk	Call the selected number.
Save	Save the number to your Contacts.
Prepend	Add a prefix to the number.
Erase	Erase the selected call from your Missed call list.

Erase logs

You can erase the **Outgoing**, **Incoming** or **Missed** call log, or you can erase **All Calls**.

Erase a call log

1. In standby mode, press the left soft key ( ) **Menu**, then press , .
2. Use the navigation key to highlight the log you want to clear calls from, and the press . A confirmation message displays.
3. Use the navigation key to highlight **Yes**, then press , or select **No** to exit without clearing the call log.

Erase all calls

1. In standby mode, press the left soft key ( ) **Menu**, then press , , . **Erase All Calls?** appears in the display as well as the options **Yes** and **No**.
2. Use the navigation key to highlight **Yes**, then press , or select **No** to exit without erasing call logs.

Call timer

View the duration of your last call, total calls, and calls made during the life of your phone using the Call timer feature.

The Call timer is not for billing purposes.

---

1. In standby mode, press the left soft key ( ) **Menu**, then press , .

2. The options listed in the following table appear in the display.

Option	Function
Last Call	View the duration of your last call.
Total	View the duration of the total calls, incoming and outgoing, made on your phone since the last erasure.
LifeTime	View the duration of all calls on your phone since activation (LifeTime timers cannot be erased).
Erase Total	Erases the counters for the Total call timer.

- Press the number of the option you want or use the navigation key to highlight the option, then press OK.
- Press CLR to exit the **Option** menu.

Although **Total** call timers can be erased, **the LifeTime** call timer can never be erased.

Call waiting

If you're on a call, your phone beeps when you receive another call. Contact Verizon Wireless for availability of this feature.

1. Press SEND to connect and ask the calling party to remain on the line.
2. Press SEND again and the second caller is placed on hold, and you're returned to the original caller.
3. Use the SEND key to alternate between calls.

Caller ID

Caller ID allows you to see who is calling by displaying the caller's number when your phone rings. If the caller's name and number are stored in your Contacts, the name also appears in the display.

Caller ID block

You can block your number from being displayed on another phone by enabling the call block feature.

1. In standby mode, press , , .
2. Enter the phone number and press .

Three-way calling

Call two other numbers and connect them to your call using Three-way calling.

1. In standby mode, dial the number for the first party in your call and press .
2. When connected, ask the other party to remain on the line. Press to place them on hold.
3. Dial the second party's phone number and press .
4. When the second party answers, press to connect all three parties.

Contacts

Your Contacts can store up to 500 numbers, with each contact having up to five associated phone numbers, an e-mail address, and a picture ID. Each phone number can be up to 32 digits in length, including hard pauses, and associated names can be up to 22 characters in length. The memory location for each entry can be specified. For more information about Contacts restrictions, see “Restriction” on page 108.

Tip: One-Touch, **Two-Touch**, and **Three-Touch** Dialing allows you to call numbers stored in your Contacts faster.

Open contacts

1. In standby mode, press the left soft key ( ) **Menu**, then press 2 ABC for the **Contacts**. The following Contacts sub menus and options appear in the display:

Menu	Function
Find	Find a phone number By Name, By Entry, or By Group.
Add	Add a number or e-mail to your Contacts.
Rename Group	Rename one of your five groups.
My Phone#	View the 10-digit number assigned to your phone by Verizon Wireless.
Memory	Display available memory for dial entries.

2. Use the navigation key to highlight the Contacts menu of your choice, and press OK.

Tip: You can also press the number on your alpha-numeric keypad that corresponds to the Contacts menu number.

Find contacts

If you've stored a name entry in your Contacts, **Find** allows you to find it quickly.

1. In standby mode, press the left soft key ( ) **Menu**, then press , for **Find**.
2. Use the navigation key to select the method by which to find the entry. The options listed in the following table are available.

Find	Function
By Name	Search the Contacts alphabetically by name.
By Entry	Search the Contacts by entry number.
By Group	Search the Contacts by selecting from one of the five available groups.

Find by name

1. Enter the name of the person *as they are entered in your Contacts*. For example, if you saved the name as Amy Smith, begin the search pressing .

As you enter letters, the entry number and names of the closest matches appear in the display.

2. When the desired entry appears in the display, highlight the number using the navigation key (if necessary).
3. Press to dial the number associated with the name.
4. Press the left soft key ( ) **Option** to display the options listed in the following table.

Option	Description
Edit	Edit details of the highlighted name.
Erase	Erase the name and associated information.
Add New	Add a new entry to a contact.

5. Press OK to view information about the entry.
6. Use the navigation key to highlight an option, then press OK to enter the option's sub menu.

Find by entry

This option allows you to find a stored entry by location number.

1. In standby mode, press the left soft key (Menu) **Menu**, then press 2ABC, 1 for **Find**.
2. Use the navigation key to highlight **By Entry**.
3. Enter the number for your Contact, then use the navigation key to highlight the entry you want.
4. Press OK to display information about the entry.
5. Press the left soft key (Option) **Option** to display the options listed in the following table.

Option	Description
Talk	Dial the first number stored for your contact or dial a number you have highlighted.
Edit	Edit details of the highlighted name.
Erase	Erase the name and associated information.

6. Use the navigation key to highlight an option, then press OK to enter the option's sub menu.

Find by group

This option allows you to find a stored entry in a related group.

1. In standby mode, press the left soft key (Menu) **Menu**, then press 2ABC , 1 for **Find**.
2. Use the navigation key to highlight **By Group**.

3. Press the navigation key briefly to highlight the group field.
4. Use the navigation key to display the group that you want. As each group displays, entries assigned to the group are listed on your phone's screen.
5. Use the navigation key to highlight the desired entry.
6. Press OK to display information about the entry.

Add contacts

You can add an entirely new entry or add information to an existing entry.

1. In standby mode, press the left soft key (—) **Menu**, then press 2ABC, 2ABC for **Add**. A pop-up menu with the following options appears in the display.

   Number
   E-mail

2. Use the navigation key to highlight the desired option and press OK.
3. Enter the information for the entry, then press OK.
4. With **New Entry** highlighted, press OK. The following (number type) icons appear in the display.

   Home Office Mobile
   Pager Fax

5. Use the navigation key to highlight the type that matches your new entry and press OK.
6. Enter a name to associate with the type using the keypad, then press OK to save the entry.

Edit contact numbers

Once a contact has been saved, it can be easily changed or modified.

1. In standby mode, press the left soft key ( ) **Menu**, then press , for **Find**.
2. Use the navigation key to display the search method that you want to use (**By Name**, **By Group**, or **By Entry**).
3. Enter information to find the entry, or use the navigation key to highlight the entry containing the number that you want to edit.
4. Once the entry is highlighted, press .
5. Use the navigation key to highlight the number within the entry that you want to edit, then press the left soft key ( ) **Option**. A pop-up menu displays.
6. Use the navigation key to highlight **Edit**, then press .

- Press to backspace and delete numbers.
- Press and hold to clear all numbers in the highlighted field.

7. When you're finished editing the number, press . Your changes are saved and a confirmation message appears in the display.

Edit an e-mail address

1. In standby mode, press the left soft key ( ) **Menu**, then press , for **Find**.
2. Use the navigation key to display the search method that you want to use (**By Name**, **By Group**, or **By Entry**).

3. Enter information to find the entry, or use the navigation key to highlight the entry that you want.
4. Once the entry is highlighted, press the left soft key ( ) **Option**. A pop-up menu appears in the display with **Edit** highlighted. Press OK.
5. Use the keypad to edit the e-mail address. To insert the @ symbol, press the left soft key ( ) **Option**.
6. Use the navigation key to select **Symbol**, and then press OK.
7. Press 2 (@ symbol) and enter the remainder of the e-mail address using the keypad.
8. Press the left soft key ( ) **Option**.
9. Use the navigation key to highlight **.com**, then use the navigation key to display the desired domain type (.com,.edu, .net), then press OK.

If the domain is different you must enter it using your keypad.

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10. Press OK to save your changes.

Add pauses to contacts

When you call automated systems (like banking services), you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Contacts along with special characters called pauses.

- **P pause**: A hard pause stops the calling sequence until you enter additional numbers.
- **T pause**: A two-second pause stops the calling sequence and then automatically sends the remaining digits.

You can enter multiple two-second pauses to extend the length of a pause. For example, two consecutive two-second pauses cause a total pause time of four seconds. Keep in mind pauses count as digits towards the 32-digit maximum.

To store a pause in a contact, follow these steps:

1. In standby mode, enter the number you want to save as a contact (such as your bank's teleservice number).
2. Press the left soft key ( ) **Option**. The following pause menu options appear in the display.

   P pause
   T pause

P pause is a hard pause (awaits input from you) and a **T pause** is a two-second pause.

3. Use the navigation key to highlight the pause option of your choice.
4. Press to enter the highlighted pause into your number sequence.
5. When you're finished entering the number and pauses, press the right soft key ( ) **Save** to store the number in your Contacts.

PAUSE DIALING WITH CONTACTS

1. If you stored the number using (two-second) T pause(s), simply recall the number from the Contacts.
2. If you stored the number using (hard) P pause(s), recall the number from the **Contacts** and wait for the appropriate prompt from the number you are calling (credit card number, bank account number, etc.).
3. Press to dial the remaining part of the saved number.

Store numbers after a call

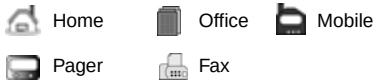
Once you've finished a call, you can store the number of the caller to your Contacts.

If the call was incoming and Caller ID information was unavailable, then the store option is also unavailable.

1. After you press to end your call, the call time, length of call, phone number, and name of the party (if available) appears in the display.
2. Press the right soft key ( ) **Save**. You're prompted to confirm this as a **New Entry**, or **Find** a name in your Contacts with which to associate the number.
3. Follow the instructions in the upcoming sections depending on if the number is a new entry or is one you want to add to an existing contact.

Add a new entry

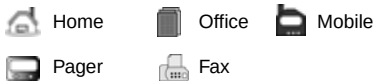
1. With **New Entry** highlighted, press OK. The following number types appear in the display.



2. Use the navigation key to choose the number type, then press OK.
3. Enter a name for the new entry and press OK. The new entry is saved to your Contacts.

Add to an existing entry

1. Use the navigation key to highlight **Find**, then press OK.
2. Use the navigation key to display the search method that you want to use (**By Name**, **By Group**, or **By Entry**).
3. Enter information to find the entry, or use the navigation key to highlight the desired entry and press OK. The following number types appear in the display.



4. Use the navigation key to highlight the number type that matches the number you are adding, then press OK.
5. Press OK again at the **Contacts** menu. The number is added to the existing entry.

Shortcuts to storing phone numbers

You can store a phone number by entering the number, and pressing the right soft key ( ) **Save**. Follow the screen prompts to designate other information. You can also save a number after an incoming or outgoing call.

Store numbers from call logs

Store numbers from call history log s to your Contacts.

1. In standby mode, press the left soft key ( ) **Menu**, then press for **Calls**.
2. Press the corresponding number on the keypad to view call logs for the following call types.

- for **Outgoing** for **Incoming** for **Missed**

3. Use the navigation key to highlight the number you want to store in the Contacts, then press .
4. Press the left soft key ( ) **Option**, then use the navigation key to highlight **Save**.
5. Add the number as a **New Entry**, or **Find** a number in your Contacts with which to add the number.
6. Follow the prompts to store the number to the Contacts.

Assign speed dial numbers

Each entry in Contacts is assigned a number from 2 to 500, since the first entry is reserved for your voice mail. The entry number for each contact corresponds with a same speed dial location, so, for example, Contact entry 10 is also Speed dial location 10. Since a contact can have up to 5 different phone numbers stored in it, you must select what phone number is dialed when speed dialing is used.

The first number entered when you create a contact is used for speed dialing unless you change it. To change the number dialed when you use speed dialing, follow these steps:

1. In standby mode, press the left soft key ( ) **Menu**, then press , for **Find**.
2. Use the navigation key to select the find method (**By Name**, **By Group**, or **By Entry**).
3. Enter information to find the entry, or use the navigation key to highlight the desired entry, then press .
4. Use the navigation key to highlight **SpeedDial**.
5. With **SpeedDial** highlighted, press the left soft key ( ) **Edit**.
6. Use the navigation key to select the icon associated with the number you want dialed when Speed dial is used.
7. Press to save your changes.

Speed dialing

Once you have stored phone numbers in Contacts, you can dial them quickly using one of the Speed dialing options.

One-touch dialing

Memory locations 001 through 009 are special **One-Touch dialing** locations. You can call the phone numbers stored in the Contacts memory from 001 through 009 by pressing and holding a single key. For example, for location number 001, press and hold until the name and number appear in the display and the number is dialed.

Two-touch dialing

Memory locations 010 through 099 are special **Two-Touch dialing** locations. For example, for location number 013, briefly press , then hold down until the name and number appear in the display and the number is dialed.

Three-touch dialing

Memory locations 100 through 500 are special **Three-Touch dialing** locations. For example, to dial location number 113, press , , then hold until the name and number appear in the display and the number is dialed.

Remove contacts

1. In standby mode, press the left soft key ( ) **Menu**, then press , for **Find**.
2. Use the navigation key to display the search method that you want to use (**By Name**, **By Group**, or **By Entry**).
3. Enter information to find the entry, or use the navigation key to highlight the entry that you want to erase.
4. Once the entry is highlighted, press the left soft key ( ) **Option**. A pop-up with the following items displays:

   Edit
   Erase
   Add New
5. Use the navigation key to highlight **Erase**.
6. Press . The phone prompts you to confirm the erasure.
7. Use the navigation key to highlight **Yes** or **No**, then press .

Rename groups

Use this option to rename a group in your Contacts.

1. In standby mode, press the left soft key ( ) **Menu**, then press 2 ABC, 3 DEF for **Rename Group**.
2. Use the navigation key to highlight the group that you want to rename, then press OK. The current name of the group appears in the display with a flashing cursor at the end of the name.
3. Press the left soft key ( ) **Option** to display a pop up with the following text entry modes.

   1 T9 word
   2 ABC
   3 Symbol
   4 123
4. Press the corresponding number on the keypad for the method of entry that you prefer.
5. Press CLR to delete characters individually, or press and hold CLR to clear all characters in the display.
6. Enter a new group name using the keypad, then press OK.

My phone number

My Phone# displays the ten-digit number assigned to your phone by Verizon Wireless.

- In standby mode, press the left soft key ( ) **Menu**, then press 2 ABC, 4 GHI for **My Phone#**. The phone number assigned by Verizon Wireless appears in the display.

Memory

Use the Memory menu to view the amount of memory used for the contacts you have stored, as well as the remaining memory available for other entries.

- In standby mode, press the left soft key ( ) **Menu**, then press 2 ABC, 5 JKL. The amount of memory used and remaining for Contacts is displayed.

Messages

Your phone is able to send and receive text messages to compatible phones and other devices. If a text message exceeds 160 characters, it is broken up and delivered in separate messages, which will incur additional cost. There are various text entry modes available when using your phone, and each is described below.

Available memory is shared between all messages. You can store up to 100 incoming and 100 outgoing messages. The exact number that you can store is dependent upon message length.

Text entry modes

You can compose text messages composed of alphabetical characters, symbols, and numbers. Each method of character entry (symbol, number, etc.) is called a text entry mode. There are four such entry modes as indicated in the following table:

Text Entry Mode	Function
ABC	Alphabetical text entry mode. Options are: ABC - All uppercase Abc - Initial caps abc - All lower case
Symbol	Symbol entry mode. Enter symbols into your message by pressing the corresponding number that appears above it in the display.
123	Number entry mode. Enter numbers by pressing the corresponding key on the keypad.
T9 Word	Predictive text mode. Press each key only once to enter the letter of the word that you're spelling.

Your current mode of text entry (**ABC**, **Symbol**, **123**, or **T9 Word**) is indicated in the lower part of the display when composing a text message.

Change text entry modes

1. While composing a text message, press the left soft key (**Option**) to display a pop-up menu containing the following options

   ABC
   Text Format
   Add Media
   Quick Text
2. **ABC** is highlighted. Use the left or right navigation key to choose display the text entry mode you want to use.
3. Press OK. The mode is changed.

ABC mode

- Enter characters while in **ABC** mode by pressing the key with the letter you want, such as 4 for “h”.
- Press the key repeatedly until the desired character appears in the display.
- Pause briefly and the displayed character is accepted and inserted into your message.
- Press 0 to enter a space.

T9® Word text entry

The T9 predictive text input mode allows you to enter words easily with a minimum of key presses. As you press each key, the phone selects a letter that makes up the word it thinks you are typing, based on a built-in dictionary. As a new letter is added, the word changes based on the key you pressed.

1. When you are in the T9 predictive text input mode, start entering a word by pressing keys 2 to 9. Press each key only once for each letter.

   As you type, a word will display; however, it changes with each key you press.

2. Enter the whole word before editing or deleting any keystrokes.

3. If the word is correct, start entering the next word.

   Otherwise, press 0 repeatedly to display alternate word choices for the keys that you have pressed.

4. Complete each word with a space by pressing the key.

To type words not found in the T9 mode, use the ABC text entry mode.

For example, to enter a word using T9 predictive text, follow these steps:

1. In standby mode, press the left soft key (Menu) **Menu**, then press 3, 1 to compose a new text message.

2. Enter the phone number of the recipient, then press OK.

3. Press the left soft key (Option) **Option** to display a pop-up menu containing the following options:

   ABC
   Text Format
   Add Media
   Quick Text

4. **ABC** is highlighted. Use the navigation key to display **T9 Word**, then press OK.

- Now, enter the word “Samsung” into your message by pressing each of the following keys *only once*:

S A M S U N G

T9 Word recognizes the most commonly used word for the numeric sequence is “Samsung.” If more than one word shares the same numeric sequence, use the 0 key to scroll through other available words.

123 mode

Enter numbers into a text message using **123 mode**. See “Change text entry modes” on page 51 for instructions on changing text entry modes.

- In **123** mode, press the key that contains the number you want to insert in your message.

Symbol mode

Symbol mode enables you to enter symbols, such as @ or **%,** into a text message.

1. In standby mode, press the left soft key (Menu) **Menu**, then press 3, 1 to compose a new text message.
2. Enter the phone number of the recipient, then press OK.
3. Press the left soft key (Option) **Option** to display a pop-up menu containing the following options

ABC
Text Format
Add Media
Quick Text

4. **ABC** is highlighted. Use the navigation key to display **Symbol**, then press OK. The first of four screens of symbols appear in the display.
5. Use the left and right navigation keys to page through the other symbols, if necessary.
6. Press the key that corresponds with the symbol that you want to enter. For example, press 4 for an exclamation point (**!**). etc.
7. Repeat steps 3 through 6 to insert as many symbols into your message as needed.

Send TXT messages

1. In standby mode, press the left soft key (Menu) **Menu**, then press 3, 1.
2. Enter the phone number of the recipient, then press OK.
3. Enter the text for your message using the keypad.
4. At any point while composing a message, press the left soft key (Option) **Option** to display the options listed in the following table.

Option	Function
ABC	The entry mode for your message. Other modes, which are hidden, are Symbol, 123, and T9 Word. Use the navigation key to display each of the text entry modes.
Text Format	Choose the size, alignment, bold, italic, and other options for formatting your text.
Add Media	Add a picture, animation, or melody to your message.
Quick Text	Insert a pre-composed message into the body of your current message.

5. Once you're finished entering your message, press OK. The **New Message** options listed in the following table appear in the display.

Option	Function
Edit Send To	Edit the recipient's Send To number.
Edit Text	Edit the content of your message.
Send Options	Choose the Priority, Validity, Privacy, whether you want to have a Delivery Acknowledgement, Insert a Signature or Call Back #, and whether you want to Defer Delivery of the message. See "Message send options" in the following section for more information on these settings.
Save in Draft	Save the message to your Draft folder.
Save Text	Save the text in your message as a quick text. Quick Text messages are pre-composed messages that can be inserted into any message you choose.

6. To send your message, press the left soft key (Send) **Send**.

Message send options

You can set priority, validity, privacy, and other options before you send a message.

1. After you've composed a message and pressed OK, you're returned to the **New Message** menu.
2. Use the navigation key to highlight **Send Options**, then press OK. The **Send Options** listed in the following table appear in the display.

Menu Item	Send Options	Function
Priority	**Normal** **Urgent**	Assign a priority to your message.

Menu Item	Send Options	Function
Validity	**None** **30 Min** **1 Hour** **2 Hours** **12 Hours** **1 Day** **2 Days** **3 Days** **5 Days**	Select the period of time that you want the message to be available to the recipient. After the set period of time, your message is recalled.
Privacy	**Not Restricted** **Restricted** **Confidential**	Choose the desired level of privacy for your message.
Delivery Ack	**Off** **On**	Request confirmation for when your message is received.
Insert Sign.	**Off** **On**	Insert your pre-composed signature into the message.
Callback #	**Yes** **No** **Edit**	Insert a number into your message for the recipient to call you back.
Def. Delivery	**Immediate** **Set Time**	Choose when you want your message to be sent.

3. Use the navigation key to display the various **Send Options** for each menu item.
4. When the send option you want is highlighted, press OK to confirm the selection or to enter the option's sub menu.

Receive TXT messages

When your phone receives a message in standby mode, a ringer sounds (unless turned off), and **New Message** appears in the display along with the closed envelope icon ( ). The date and time of the message also appear in the display.

- Press the left soft key ( ) **Ignore** to return your phone to standby mode. The message is saved to your inbox where you can view it later.
- Press the right soft key ( ) **View** to open the message, and then press the right soft key ( ) **Reply** to open the message composer and respond to the message.

  OR

- Press the left soft key ( ) **Option**, to **Forward**, **Erase**, **Save Text**, **Save Msg**, **Save Contact**, or **Block Sender**.

Receive messages during a call

When your phone receives a message during a call, **New Message** appears in the display along with the closed envelope icon ( ). You can view the message without disconnecting your call.

1. Press the left soft key ( ) **Ignore** to ignore the message. The message is saved to your inbox where you can view it later.
2. Press the right soft key ( ) **View** to open the message, your call remains connected.

Messages and lock mode

Your phone still receives messages while in **Lock Mode**. The time and date of the message appear in the display, but you cannot access the message until you enter the lock code.

Message folders

Your messages are stored in one of six folders. These folders are discussed in more details in the following sections.

Voice mail folder

Messages in your Voice Mail box are logged in the **Voice** folder of the **Message** menu. Open the voice folder to view the **Callback #** (if available), **Urgency**, and other details of the voice mail message.

1. In standby mode, press the left soft key ( ) **Menu**, then press .
2. Use the navigation key to highlight **Voice Mail**, then press . Details of your most recent voice mail message appear in the display.
3. Press the left soft key ( ) **SEND:Listen** to call your voice mailbox and listen to the message.

You can also press and hold to dial your voice mailbox, if not changed.

Inbox folder

Received TXT messages are stored in the **Inbox** folder.

1. In standby mode, press the left soft key ( ) **Menu**, then press , to open the **Inbox** folder.

Tip: Press the right soft key ( ) **View** while in a call to view a new message.

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2. Use the navigation key to highlight the message that you want to view.

3. Press OK to view contents of the highlighted message.
4. While viewing your message, press the left soft key (—) **Option** to display the options listed in the following table.

Option	Function
Forward	Forward the message to another recipient.
Erase	Delete the message and its contents.
Save Text	Save only the text in the message.
Save Msg	Save the message to the Saved message folder.
Save Contact	Save the number of the sender to your Contacts as a new entry or add to an existing entry.
Block Sender	Block future messages from the phone number of the sender.

5. Use the navigation key to highlight the option you want, then press OK to select the option.

Outbox folder

Your phone stores TXT messages in the **Outbox**, regardless of whether the message was successfully transmitted. You can also verify if a message or e-mail was successfully transmitted, and at what date and time by enabling the **Delivery Ack** feature. See “Message send options” on page 55 for more information on delivery acknowledgements.

Review messages in the Outbox

1. In standby mode, press the left soft key (—) **Menu**, then press 3 DEF, 4 GHI for **Outbox**. Any sent messages appear in the display.
2. Use the navigation key to highlight the message you want to review, then press OK.

3. Press the left soft key ( ) **Option** to display the options listed in the following table.

Option	Function
Re-send	Re-send the message.
Save Msg	Save the message to the Saved Msg folder.
Erase	Delete the message.

4. Use the navigation key to highlight the option you want, then press OK to select the option.

Draft folder

Draft messages have been composed but haven't been sent yet. You can return to the **Draft** folder at any time to view, edit, or send a draft message.

CREATE A DRAFT TXT MESSAGE

1. In standby mode, press the left soft key ( ) **Menu**, then press 3 DEF, 1 for **Send New Msg**.
2. Enter the phone number of the recipient, then press OK.
3. Compose your message using the keypad, then press OK.
4. Use the navigation key to highlight **Save in Draft**, then press OK. A confirmation message appears in the display and your message is saved to the **Draft** box.

VIEW AND EDIT DRAFT MESSAGES

1. In standby mode, press the left soft key ( ) **Menu**, then press 3 DEF, 5 JKL. Your draft messages are displayed.
2. Use the navigation key to highlight the message that you want to view and press OK.

3. Press the left soft key ( ) **Option**. A pop-up menu appears in the display with **Edit** highlighted.

4. Press OK. The options listed in the following table appear in the display.

Option	Function
Edit Send To	Edit the phone number of the recipient.
Edit Text	Edit the draft message text. You also have options to format the text, add media, or add quick text to your message.
Send Options	Select the priority, validity, privacy, delivery acknowledgement, signature, callback #, deferred delivery options.
Save in Draft	Continue to save the message to the Draft folder.
Save Text	Save only the text in the message, if media or other content is contained within the message.

5. Use the navigation key to highlight the option you want, then press OK to select the option.

Saved folder

Saved messages are sent to the **Saved** folder.

1. In standby mode, press the left soft key ( ) **Menu**, then press 3 DEF, 6 MNO. Any saved messages appear in the display.

2. Use the navigation key to highlight the message you want to view, then press OK.

3. Press the left soft key ( ) Option to display the message options **Edit** and **Erase**.

4. Use the navigation key to highlight the option you want, then press OK to select the option.

Wap push folder

Occasionally, Verizon Wireless may send notifications to your phone in the form of **Wap Push** alerts. These alerts may contain information on new services or updates. When you receive an alert, you'll also receive a text notification and hear a tone.

1. In standby mode, press the left soft key (▪) **Menu**, then press 3 DEF, 7 PQRS. Any received **Wap Push** messages appear in the display.

Contact Verizon Wireless for availability.

Message setting folder

The **Msg Setting** folder allows you to define numerous message settings such as ringer types and save options.

1. In standby mode, press the left soft key (▪) **Menu**, then press 3 DEF 8 TUV. The **Msg Setting** sub menus in the following table appear in the display.

Sub Menu	Function
1 Send Setting	Options to Save in Outbox, Insert signature, and request a delivery acknowledgement.
2 Msg. Alert	Set Ringer types and Reminders for when you receive messages.
3 Auto Play	Select Auto Play or Manual for multimedia content.
4 Auto View	Select Off or On for direct view.
5 Auto Erase	Auto Delete messages after they are read.
6 Block/Unblock	Block messages from a web address or phone number.

Sub Menu	Function
7 Quick Text	Edit any of your pre-composed messages, which can then be inserted into any new message that you choose.
8 Signature	Create a signature, which appears at the bottom of all outgoing messages.
9 Voice Mail #	Edit your voice mail number.

2. Use the navigation key to highlight the message setting menu you want.
3. Press OK, then select and change the available settings.

Erase message folder

Use **Erase Msg** to erase all of the messages in a particular folder, or use the **All Messages** options to erase the contents of all your message folders at once.

Erase Msg erases all of the messages in the selected folder. To delete a single message, use the **Option** menu (left soft key) while viewing the content of a message.

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1. In standby mode, press the left soft key (—) **Menu**, then press 3 def, 9 wxyz. The **Erase Msgs** menu appears in the display.
2. Use the navigation key to highlight the folder containing messages that you want to delete.
3. Press OK to open the highlighted folder. You're prompted to confirm the erasure of all messages in the folder.
4. Use the navigation key to highlight **Yes** or **No**, then press OK.

Get It Now

With **Get It Now**, you can download full featured applications over the air including games, personalized ring tones, pictures, and more. Send and receive instant messages and email, or browse the web to catch up on all the latest news.

1. In standby mode, press the right navigation key to display the Get It Now menu. The Shopping cart icon is highlighted.
2. Press OK. A connection message displays, then the options in the following appear in the display.

Option	Function
What's New	Provides updates on the latest games, information services, etc.
Get Fun & Games	Select from several fun and interesting applications or a broad category of games that you can play on your phone.
Get Tones	Download your favorite ring tones.
Get Going	Download applications that keep you in touch with the world, keep you organized, and help you find the coolest spots.
Get Pix	View, share your own pictures and even save them as your phone's wallpaper or screensaver.
Get Messaging	Check e-mail on some of the most popular clients on the Internet.
Search	Enter a keyword and search the Get It Now catalogue.

3. Use the navigation key to highlight the category you want, then press OK.
4. Select the application you want to download and follow the online directions.

Settings

Use the **Settings** menu within Get It Now to manage, move, order applications and much more.

1. In standby mode, press the right navigation key to launch Get It Now.
2. At the **Get It Now** menu, press the right navigation key once to highlight (**Settings**), then press OK. The options listed in the following table appear in the display.

Option	Function
Order Apps	Download applications over the network.
Move Apps	Move previously downloaded applications between available folders.
Manage Apps	View used and available memory.
Main Menu View	Select whether you want to view the main Get It Now menu in a list or icon format.
Screen Savers	View downloaded screensavers.
View Log	View the Get It Now log, which displays information about recent activity using Get It Now.

3. Use the navigation key to highlight an option.
4. Press OK to enter the option's sub menu and view or change settings.

Help

The Help menu within Get It Now is a short tutorial on several Get It Now features. View information about charges, cancelling subscriptions, buying apps, disabling apps, and more.

1. At the **Get It Now** menu, press the right navigation key until the question mark (?) icon is highlighted.

2. Press OK. The Help subjects listed in the following sections appear in the display.

Buying new apps

To buy new and exciting apps, visit the Get It Now Shop. This feature provides you with a variety of applications you can choose from.

What do I pay?

When you buy an app you are charged for the purchase cost of the app and the network connections to download it. Charges will also apply when you use apps that require network connections, such as downloading information and sending TXT messages.

Charges

Charges will apply for network connections. A network connection is used when you are browsing the Get It Now Shop, downloading and restoring apps, or cancelling subscription apps. Charges will also apply when you use apps that require network connections, such as downloading information and sending TXT messages.

Cancelling subscription

1. To cancel a subscription to an app, choose **Settings**, then **Manage apps**.
2. Select the app subscription you want to cancel.

Demo apps

A Demo app is free and is designed to demonstrate the app's main features. It usually expires after a certain period of time or a number of uses and often has limited functions.

Removing apps

You may remove apps that are no longer needed. If you remove an app, you cannot use it unless you purchase it again.

1. To remove an app, choose **Settings**, then **Manage Apps**.
2. Select the app you want to remove.

Disabled and expired apps

You can install new apps if the memory of your phone is full by partially removing (disabling) apps you haven't used recently. When you need to use a disabled app, you can restore it at no additional purchase cost.

An Expired App is an application purchased for a certain number of uses. To purchase additional uses visit the Get It Now Shop.

Restoring apps

Disabled apps can be quickly restored at no additional purchase cost. To restore an app, run the application you want to restore from the Main Menu. You will be guided through the restoration process.

Mobile Web

Your SCH-n330 utilizes **Mobile Web 2.0**, allowing you to conveniently surf the web using your phone.

- Each time you launch **Mobile Web**, your phone connects to the Internet and the service indicator icon ( ) appears in the display.

Stored web content

Mobile Web ends an Internet connection after a certain period of inactivity; however, some information from your session remains stored in the phone (if you leave your phone turned on). You can access this information without reconnecting to the Internet, but when you are view stored information and select a link that was not accessed in the last session, you automatically re-connect to the Internet.

Launch Mobile Web

The first time you use **Mobile Web**, you are prompted to go through a setup process that takes approximately three to five minutes.

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1. In standby mode, press the left navigation key. If this is the initial launch of **Mobile Web**, you're prompted to enable security before proceeding.
2. Press the left soft key ( ) **Yes** to proceed.
3. A list of categories, each representing one or more web sites, appears in the display.
4. Use the navigation key to browse the categories.
5. Once the desired category is highlighted, press the left soft key ( ) ✓ to enter the category list.

Exit Mobile Web

To exit **Mobile Web**, press the key.

Navigate the web

When you use **Mobile Web**, some of the keys operate differently than during a normal phone call. **Mobile Web** presents on-screen items in any of the following ways:

- Text or numeric input
- Links (embedded in content)
- Numbered options (some may not be numbered)
- Simple text

You can act upon options or links by using the soft keys.

Mobile Web soft keys

At the bottom of the **Mobile Web** display is a bar that contains browser commands. The left ( ) and right ( ) soft keys on the keypad are used to execute the command that appears above them in the display. These are called “soft keys” because their function changes depending on the application.

Using links

Links have several purposes, such as jumping to a different page, to a different site, or even initiating a phone call. Links are shown inside of brackets ([ ]). You can normally use the left soft key ( ) to select a link when it is highlighted.

How Mobile Web keys work

The following table lists **Mobile Web** keys and their functions.

Key	Name	Function
	Navigation Key	Use to browse lists and options.
	CLR Key	A browser back-up key. Press once to back up one page. Press and hold to display your home page. Press to clear the last number, letter, or symbol entered. Press and hold to completely clear the display.
	Asterisk/ Shift Key	Press before entering text to enable upper case characters (in Abc mode).
	0/Next Key	Press to enter a zero (0), or to display another word in the dictionary when in T9 Word entry mode.
	Pound/Space Key	Press to insert a space when entering text.
	Numbers 1 thru 9	Use the number keys to select items in a menu if they are numbered.
	End Key	Press to exit the Mobile Web and return the phone to standby mode.
	Left Soft Key	Press to activate the command that appears above it in the display.
	Right Soft Key	Press to activate the command that appears above it in the display.
	Send Key	Press to dial a highlighted number.

Planner

Your phone has a suite of PDA applications such as a Calendar, To Do List, and Memo Pad. You can schedule events, set reminders, create a to do list, perform calculations, and more with the digital assistant functionality included in this useful feature.

Open the planner

1. In standby mode, press the left soft key ( ) **Menu**, then press 5 JKL. The **Planner** menu opens with the following sub menus.

   Today
   Scheduler
   Jump To Date
   To Do List
   Memo Pad
   Count Down
   Alarm Clock
   World Time
   Calculator

2. Use the navigation key to highlight an application, and then press OK to display the application's sub menu. The following sections provide a description of each function included with your Planner.

Today

You can schedule up to nine events for the current day by indicating each event's start time and advance notification time. Set alarms for events so that you can be alerted before an event takes place. Events scheduled for future dates automatically appear on your **Today** events schedule for the present day.

Add a new event

1. In standby mode, press the left soft key (—) **Menu**, then press 5 JKL, 1 for **Today**. You're prompted to enter a **New Event**.
2. Enter details of the event using the keypad (Up to 32 characters).
3. Press the left soft key (—) **Option** to display a pop-up menu containing the following text entry mode options.

   T9 Word
   ABC
   Symbol
   123

Note: The current mode of text entry is indicated in the lower right of the display.

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4. Use the navigation key to highlight the entry mode you want, or press CLR to exit the pop-up menu.
5. When you're finished entering details for the event, press OK. You're prompted to enter the time and date for the event.
6. Enter the time and date for the event using the keypad.

- Press 2 ABC for A.M. when **P** is highlighted.
- Press 7 PQRS for P.M. when **A** is highlighted.

7. When you're finished entering the time and date, use the navigation key to highlight the **Notification** field.
8. Use the navigation key to select the amount of time that you want to be notified by an alert before the event occurs.

9. Press OK to store the event in your calendar. An alert will notify you prior to the event, if you set the notification alert.

Scheduler

Scheduler allows you to view the current, past, or future month in a monthly calendar layout. While viewing the calendar, the current date is highlighted and days with scheduled events are surrounded by a box.

View an event

1. In standby mode, press the left soft key ( ) **Menu**, then press 5 JKL, 2 ABC for **Scheduler**.
2. A calendar appears in the display with the current date highlighted. The month and year also appear.
3. Use the navigation key to move around in the calendar.
   - Press the volume up key to view previous months.
   - Press the volume down key to view future months.
   - Press OK to open a date that is highlighted.
   - Press the left soft key ( ) **Option** while viewing the calendar to display the following options.

Option	Function
View	View events for any date surrounded by a box.
Add new	Add a new event for the date.

4. Use the navigation key to highlight an option.
5. Press OK to select the option.

Jump to date

You can to go directly to any date that you specify in the **Jump to Date** entry screen.

1. In standby mode, press the left soft key (—) **Menu**, then press 5 JKL, 3 DEF for **Jump To Date**. The **Jump To Date** entry screen appears in the display with the current month highlighted.
2. Enter the desired **Jump to date** and press OK. The calendar month for the date that you specified appears in the display with the current date highlighted.

To do list

The **To Do List** allows you to create a task list. You can store, prioritize and manage up to twenty **To Do List** tasks.

1. In standby mode, press the left soft key (—) **Menu**, then press 5 JKL, 4 GHI for **To Do List**. The **Add To Do** screen appears in the display.
2. Enter details of the task using the keypad. Press the left soft key (—) **Option** to display a pop-up menu containing the following text entry mode options.

   T9 Word
   ABC
   Symbol
   123
3. Use the navigation key to highlight the entry mode that you want to use, or press CLR to exit the pop-up menu.
4. When you're finished entering details for the task, press OK. You're prompted to enter the priority for the task.
5. Use the navigation key to select **High** or **Low** priority.

6. Use the navigation down key to highlight the **Enter Date** field.
7. Enter a time and date for the task using the keypad.

- Press 7 for P.M when **A** is highlighted.
- Press 2 for A.M when **P** is highlighted.

8. Press OK to save the task.

Add, edit, or erase tasks

1. In standby mode, press the left soft key (Menu) **Menu**, then press 5, 4 for **To Do List**.
2. Use the navigation key to browse tasks in your **To Do List**. Events are presented in order of priority.
3. Press the left soft key (Option) **Option** while viewing your **To Do List**. A pop-up menu with the options listed in the following table appears in the display.

Option	Function
Add new	Add a new task to the To Do List.
Edit	Edit the task currently appearing in the display.
Erase	Erase the task currently appearing in the display.
Erase All	Erase all tasks from your To Do List.

4. Use the navigation key to highlight an option.
5. Press OK to select the option.

Memo pad

You can create notes and store them in **Memo Pad**. You can't prioritize or set an alert for stored notes. Return to **Memo Pad** anytime you want to review and edit your notes.

1. In standby mode, press the left soft key ( ) **Menu**, then press 5 JKL, 5 JKL for **Memo Pad**.
2. If you have any stored memos, they appear as a list in the display. If this is your first time in **Memo Pad**, you're prompted to add a new memo.
3. Enter a memo using the keypad.
4. Press the left soft key ( ) **Option** to display a pop-up menu containing the following text entry mode options.

   T9 Word
   ABC
   Symbol
   123
5. Use the navigation key to highlight the entry mode that you want to use, or press CLR to exit the pop-up menu.
6. When you're finished entering details for the memo, press OK. The memo is stored.

Review, add, edit, or erase memos

1. In standby mode, press the left soft key ( ) **Menu**, then press 5 JKL, 5 JKL for **Memo Pad**. Your list of stored memos appears in the display.
2. Use the navigation key to browse memos.
3. Press OK to open a highlighted memo.

4. Press the left soft key ( ) **Option** while viewing your memos. A pop-up menu with the options listed in the following table appears in the display.

Option	Function
Add new	Add a new memo to Memo Pad.
Edit	Edit the memo currently highlighted or appearing in the display.
Erase	Erase the memo currently highlighted or appearing in the display.
Erase All	Erase all memos from Memo Pad.

5. Use the navigation key to highlight the option you want.
6. Press OK to select the option.

Count down

Count Down allows you to view the amount of time between the current date and any event that you want to schedule. You can create up to twenty **Count Down** events.

1. In standby mode, press the left soft key ( ) **Menu**, then press 5 JKL, 6 MNO for **Count Down**.

If you have multiple count down timers, the event that is scheduled closest to the current date appears in the display. Use the navigation key to browse timers.

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2. Enter details for the **Count Down** event using the keypad.
3. Press the left soft key ( ) **Option** to display a pop-up menu containing the following text entry mode options.

   T9 Word
   ABC
   Symbol
   123

4. Use the navigation key to highlight the entry mode that you want to use, or press to exit the pop-up menu.
5. Once you've finished entering details for the **Count Down** event, press . You're prompted to enter a time and date for the scheduled event.
6. Enter the time and date using the keypad.

- Press for P.M when **A** is highlighted.
- Press for A.M when **P** is highlighted.

7. Press to store the event.

Review, add, edit, and erase count down events

Review scheduled **Count Down** events to determine how much time remains between the current time/date and any event that you've scheduled. You can also add another event, edit, or erase previously scheduled events.

1. In standby mode, press the left soft key ( ) **Menu**, then press , for **Count Down**.
2. Any stored **Count Down** events appear in the display. The event scheduled closest to the current date appears first in the display.

   Event details, including the days, hours, and minutes left until the scheduled event occurs also displays. The day, date, and time of the scheduled event appear in the bottom of the display.

3. Press the left soft key ( ) **Option** while viewing your memos. A pop-up menu with the options listed in the following table appears in the display.

Option	Function
Add new	Add a new event to Count Down.
Edit	Edit the event currently appearing in the display.
Erase	Erase the event currently appearing in the display.
Erase All	Erase all scheduled events from Count Down.

4. Use the navigation key to highlight the option you want.
5. Press OK to select the option.

Alarm clock

Your phone has an alarm clock that can be set to go off once, or daily at a specified time. Once set, the alarm clock is easy to change or turn off completely.

The alarm doesn't function when the phone is turned off. If the time for an alarm that was set for **Once** has elapsed and the phone is off, the alarm occurs at the same time on the following day.

---

1. In standby mode, press the left soft key ( ) **Menu**, then press 5 JKL, 7 PQRS for **Alarm Clock**. The following options appear in the display.

   Once
   Daily
   Off

2. Use the navigation key to highlight the frequency that you want the alarm to occur, then press OK.

3. Enter the time for the alarm using the keypad.

- Press 7pqrs for P.M if **A** is highlighted.
- Press 2abc for A.M if **P** is highlighted.

4. Press OK when you're finished entering the time for the alarm. The alarm is set and the alarm icon ( ) appears in the display.

When an alarm sounds

An animated alarm clock appears in the display and an alert sounds when the specified time for the alarm arrives.

- Press OK to silence the alarm.
- If the alarm was set as a **Daily** alarm, the alarm icon remains in the top of the display.
- If the alarm was set as a **Once** only alarm, the alarm icon is removed from the top of the display.

Turn off the alarm

1. In standby mode, press the left soft key ( ) **Menu**, then press 5jkl, 7pqrs for **Alarm Clock**. The following options appear in the display.

   Once
   Daily
   Off

2. Use the navigation key to highlight **Off**, then press OK. All alarms are turned off.

World time

World Time allows you to view the time of day or night in another part of the world. World Time displays time in the 24 different time zones around the world.

1. In standby mode, press the left soft key ( ) **Menu**, then press 5 JKL, 8 TUV for **World Time**. A world map appears in the display.
2. Use the navigation key to display the city and time that you want to view. The following cities are supported.

New York	Caracas	Brasilia
Mid Atlantic	Cape Verde	London
Paris, Berlin	Athens,Helsinki	Moscow
Abu Dhabi	Tashkent	Alma-ata
Bangkok,Jakarta	Hong Kong,Beijing	Seoul,Tokyo
Guam,Sydney	Okhotsk	Wellington
Samoa,Midway	Honolulu,Hawaii	Alaska
San Francisco	Denver,Arizona	Chicago,Mexico

Calculator

You can perform calculations, including addition, subtraction, multiplication, and division using your phone.

1. In standby mode, press the left soft key ( ) **Menu**, then press 5 JKL, 9 WXYZ for **Calculator**. The **Calculator** appears in the display.
2. Enter the first number in your equation using the keypad (numbers can be up to nine digits long).

   Press * to enter a decimal point, or press # to change the sign for a number to a negative.
3. Use the navigation key to set the type of calculation you want to perform.
4. Press OK to perform the calculation and view the result.

Display

Set the menu style, standby mode animation, customize backlight settings, and more using the **Display** menu.

1. In standby mode, press the left soft key ( ) **Menu**, then press for **Display**. The **Display** sub menus listed in the following table appear in the display.

Sub Menu	Function
Menu Style	Choose how main menus appear in the display.
Animation	Choose the media that displays on your phone when you turn it on, turn if off, and while in standby mode.
Banner	Create your own personalized greeting that appears in the display when your phone is in standby mode.
Backlight	Set backlight options for the LCD and keypad.
Contrast	Set the display contrast.
Auto Hyphen	With Auto Hyphen enabled, your phone automatically hyphenates phone numbers as they are entered.
Service LED	Turn the service LED on or off.

2. Use the navigation key to highlight the sub menu you want.
3. Press to select the menu. The following sections describe the menus above.

Menu style

Menu Style allows you to choose how main menus appear in your display when the left soft key ( ) **Menu** is pressed.

1. In standby mode, press the left soft key ( ) **Menu**, then press , for **Menu Style**.
2. Select **Icon** to display main menus as graphics, or select **Nature** to display main menus in a list format.

Animation

Animation allows you to choose the graphic images your phone displays when it is turned on or off, or while it is in standby mode (wallpaper).

1. In standby mode, press the left soft key ( ) **Menu**, then press , for **Animation**.
2. The options listed in the following table appear in the display.

Sub Menu	Function
Opening	Choose the animation that appears in your display when you turn on your phone.
Closing	Choose the animation that appears in your display when you turn off your phone.
Wallpaper	Choose the graphic or animation that appears in your display when the phone is in standby mode.

3. Use the navigation key to highlight the menu you want, then press . A pop-up menu containing the following options displays:

   Preloaded
   My Image

4. Choose **Preloaded** to view images included with your phone, or choose **My Image** to view images or wallpaper you have downloaded and saved.
5. Use the navigation key to highlight the image or wallpaper you want, then press OK to select it.

Banner

Create your own personalized greeting that appears in the display while your phone is in standby mode.

1. In standby mode, press the left soft key ( ) **Menu**, then press 6 MNO, 3 DEF for **Banner**.

Press and hold CLR to erase an existing banner, if necessary.

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2. Enter a word or short phrase that will appear in your phone's display while it is in standby mode (Up to 12 characters).
3. Press OK to save the new banner.

Backlight

You can set the backlight for your display or keypad to remain on for a specified period of time or remain on as long as the slide is up.

Prolonged backlight use drains your battery faster.

---

1. In standby mode, press the left soft key ( ) **Menu**, then press , for **Backlight**. The following sub menus appear in the display.

Option	Function
LCD	Sets the amount of time the backlight for the LCD remains on after a period of inactivity. Optional settings are 5, 10, and 15 seconds as well as Slide Up.
Keypad	Sets the amount of time the backlight for the key-pad remains on after a period of inactivity. Optional settings are 5, 10, and 15 seconds as well as Slide Up.
Power save	Unless the backlight setting for the LCD has been changed, the backlight dims after a minute of inactivity, and then turns off. With Power save enabled, the backlight for the LCD is always dim. After approximately one minute of inactivity, Power save turns the backlight off.

2. Use the navigation key to highlight the menu you want, then press to select it.

Contrast

Set the display contrast to your preference.

1. In standby mode, press the left soft key ( ) **Menu**, then press , for **Contrast**.
2. Use the left or right navigation keys to adjust the contrast for the display.
3. Press to exit.

Auto hyphen

Auto Hyphen automatically hyphenates phone numbers as they are entered. For example: 580-437-0000.

1. In standby mode, press the left soft key (**Menu**), then press 6 MNO, 6 MNO for **Auto Hyphen**. The following options are available:

   No
   Yes

2. Use the navigation key to highlight the setting you want.
3. Press OK to select the setting.

Service LED

The Service LED, located near the antenna, serves the following functions:

- Flashes red to indicate an incoming call or message.
- Lights briefly when you power the phone on.
- Flashes red when the phone is in need of a charge.

Turn the service LED off/on

1. In standby mode, press the left soft key (**Menu**), then press, 6 MNO, 7 PQRS. The following options are available:

   Off
   On

2. Use the navigation key to highlight your preference, then press OK.

Sounds

The **Sounds** menu provides a variety of options to customize audio properties for such things as ringers, keypad tones, alerts, shut down sounds, and more.

Vol./VibeTonz™

The VibeTonz™ system brings the powerful sensation and realism of touch to your SCH-n330 handset, dramatically enhancing the quality of your communication experience. By providing the VT technology high fidelity touch sensations, the **VibeTonz** system allows you to interact with your phone in a way that fits your personal taste and lifestyle.

Ringers enhanced by **VibeTonz** technology include a track of touch sensations synchronized to the music, making them more fun and identifiable.

Use the **Vol./VibeTonz** sub menu to set the default volume for incoming calls and alarms, or to set your phone to vibrate.

1. In standby mode, press the left soft key ( ) **Menu**, then press , for the **Vol./VibeTonz** sub menu.
2. Use the navigation key to highlight **Calls** or **Alarm**, then press .

3. Use the up and down volume keys to select the volume level (or vibrate mode) for the selected setting.

   Silent - No sound or vibration.
   1 Beep - Plays a single beep without vibration.
   VibeTonz - Plays only VibeTonz touch sensations without audio.
   Vib+Ring - Plays VibeTonz touch sensations first, then follows with audio.
   Vib&Ring - Plays VibeTonz touch sensations synchronized with audio track.

4. Press OK to save the setting.

Ringer type

The **Ringer Type** menu allows you to set a unique ring for voice calls, messages, data/fax, alarms, and schedule. As you change a ringer type, it plays so you can preview it.

1. In standby mode, press the left soft key ( ) **Menu**, then press 7pqrs, 2abc for the **Ringer Type** sub menu.

   The following ringer types appear in the display.

   Calls
   Alarm
   Data
   Planner

2. Use the navigation key to highlight a ringer type, then press OK. A pop-up menu displays with the following option:

   Preloaded
   My Melody

3. Choose **Preloaded** to preview sounds included with your phone, or choose **My Melody** to preview sounds you have downloaded and saved.

4. A list of bells and melodies appears in the display, each playing as it is highlighted.

Ringers with VibeTonz tracks are highlighted with the logo.

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5. Use the navigation key to browse through available ring tones.
6. When the desired ringer type plays, press OK to save the setting.

Key beep

Use the **Key Beep** menu to adjust the tone volume that your keypad generates when you press a key.

Key beep volume

1. In standby mode, press the left soft key (Menu) **Menu**, then press 7pqrs, 3def for **Key Beep**. **Volume** is highlighted.
2. Press OK.
3. Use the volume keys or the navigation key to set the volume level for keypad tones. A tone sounds as you increase or decrease the volume setting.
4. Press OK when the key beep volume setting you want displays. You're returned to the **Key Beep** sub menu.

Key beep tone length

1. While in the Key Beep menu, use the navigation key to highlight **Tone Length**, then press OK.
2. Use the navigation key to highlight **Long** or **Normal**.
3. Press OK to save your settings.

VibeTonz

This allows you to set your phone's keypad to generate a brief touch sensation as each key is pressed.

1. While in the Key Beep menu, use the navigation key to highlight **VibeTonz**, then press OK. A prompt with **On** and **Off** displays.
2. Use the navigation key to highlight **Off** or **On**.
3. Press OK to save your settings.

Alerts

You can set your phone to sound an alert whenever you enter or leave your service area, connect or disconnect a call, as well as other options.

1. In standby mode, press the left soft key (Menu) **Menu**, then press 7pqrs, 4ghi for **Alerts**.

   The **Alerts** sub menus in the following table appear in the display.

Sub Menu	Function
Minute Beep	Sound an alert ten seconds before each elapsed minute of a call.
Service	Sound an alert when you go into and out of your coverage areas.
Connect	Sound an alert and/or produce a unique VibeTonz touch sensation when you connect a call.
Disconnect	Sound an alert and/or produce a distinctive VibeTonz touch sensation when a call is dropped.
Fade	Sound an alert when a dropped call occurs during a conversation.
Roam	Sound an alert when you leave your home service area while on a call.

Sub Menu	Function
Privacy	Sound a tone whenever you are in enhanced privacy mode.

2. Use the navigation key to highlight the sub menu you want, then press OK.
3. Use the left or right navigation key to activate (or deactivate) the selected alert, then press OK.

Power on/off

Set your phone to play a sound and/or VibeTonz touch sensation whenever you turn it on or off.

1. In standby mode, press the left soft key ( ) **Menu**, then press 7, 5 for **Power On/Off**. The following options are available:

   Off
   Sound Only
   VibeTonz Only
   Sound+VibeTonz

2. Use the navigation key to highlight the option you want, then press OK.

Roam ringer

Set your phone to sound a unique tone when a call is received outside your home service area. This feature is set to **Off** by default.

1. In standby mode, press the left soft key ( ) **Menu**, then press 7, 6 for **Roam Ringer**.
2. Use the navigation key to highlight **On** or **Off**, then press OK.

Voice Kit

Use your voice *in a natural manner* to dial numbers, lookup contacts, record a voice memo, and much more. Please read the following content carefully to learn the most about this useful feature.

Voice kit commands

The **Voice Kit** menu contains the following commands, which you can activate by pressing and holding , then speaking the command. Each command listed in the following table is explained in the sections that follow.

Command	Function
Digit Dial	Dial any seven or ten-digit North American phone number.
Name Dial	Dial a name, if stored in your Contacts.
Voice Memo	Record a voice memo.
Contacts	Display your Contacts entries, if any exist.
My phone#	Display your phone number assigned by Verizon Wireless.

Digit dial

Digit Dial lets you dial any valid seven-digit or ten-digit phone number by speaking the number naturally, without pausing between digits.

DIGIT DIAL TIPS

- **Digit Dial** works best in quieter environments.
- When pronouncing a number, speak at a normal speed, saying each digit clearly. There is no need to pause between digits.

- The phone recognizes the digits **one**, **two**, **three**, **four**, **five**, **six**, **seven**, **eight**, **nine**, **zero**, and **oh** (zero). It doesn't recognize numbers such as "one eight hundred" for "1-800." Instead, say "one eight zero zero," or "one eight oh oh."
- The phone recognizes only valid seven or ten-digit North American phone numbers, optionally preceded by the digit "1."
- If you are experiencing frequent problems getting **Digit Dial** to recognize you, try adapting it to your voice, which can greatly improve accuracy. See the following section on **Digit Dial Adaptation** for more information.

USING DIGIT DIAL

1. Press and hold .

   "Say a Command" appears in the display and is announced through the speaker.

2. Say "**Digit Dial**."

   You're prompted to say the number.

3. Pronounce the number naturally and clearly.

   The phone may display one or more numbers on the screen and prompt you for confirmation.

4. If the phone asks "**Did you say**" followed by the correct number, say "**Yes**." The phone dials the number.

5. If the phone asks "**Did you say**" followed by any incorrect numbers, say "**No**."

   If there are other choices, the phone prompts you with them next.

Tip: Choose a number from the list manually. Use the navigation key to highlight the number, then press OK to select.

DIGIT DIAL ADAPTATION

Digit Dial works well for most people without special adaptation. However, people with strong accents or unique voice characteristics may obtain better results by adapting the system to better match their voices.

You should adapt **Digit Dial** only if the system is frequently unable to recognize your speech. After you adapt **Digit Dial**, your phone is customized to your voice, and your voice only. Others will not be able to use it unless they reset the phone to factory defaults.

Adaptation involves recording several digit sequences to adapt the system to the unique properties of your voice. The adaptation process takes about three minutes.

Tips for adapting Digit Dial

- Adapt digits in a quiet place.
- Make sure you wait for the beep before starting to speak.
- Speak clearly, and say each digit distinctly.
- If you make a mistake while recording a sequence of digits, or if there is an unexpected noise that spoils the recording, re-record that sequence.

Adapt Digit Dial to your Voice

1. In standby mode, press the left soft key ( ) **Menu**.
2. Press 8 TUV, 2 ABC, 2 ABC for **Setup Digit**.
3. Press 1 for **Adapt Digits**.

   Your phone displays the first digit sequence and "**Please say**" plays through the speaker followed by the four digits appearing in the display.
4. Wait for the beep and repeat the digits *using your normal tone of voice*.
5. After a moment, the phone plays back the recording and prompts "**Did the recording sound ok**?" If the recording was good, say "**Yes**." If you need to re-record, say "**No**."

   - If you say "**No**," the phone prompts you to pronounce the digits again. Wait for the beep and then re-record. Repeat this step until you're satisfied with the recording.
6. After confirming that the recording sounds ok, repeat the recording process with the next set of digits. After six sets of digits, the phone asks whether you want to do more adaptation. Answer "**Yes**."
7. Repeat steps 4-6 for another six sets of digits. After the sixth set of digits, the phone indicates that adaptation is complete.

Reset Digit Dial Adaptation

You can erase an adaptation and reset **Digit Dial** to its original state.

1. In standby mode, press the left soft key ( ) **Menu**.
2. Press 8 TUV, 2 ABC, 2 ABC for **Setup Digit**.
3. Press 2 ABC for **Reset Digits**.
4. Use the navigation key to select **Yes** to reset your digit adaptation, or **No** to cancel.
5. Press OK to save and exit.

Name dial

Name Dial lets you dial any person in your Contacts by pronouncing that person's name. It automatically voice activates every contact in your Contacts without the need to record or "train" names before using them.

Place a call using Name Dial

1. Press and hold .

   "**Say a Command**" appears in the display and is announced through the speaker.

2. Say "**Name Dial**."

   The phone prompts, "**Name Please**."

3. Say the full name of the person you wish to call, exactly as it is entered in your Contacts.
4. If your phone doesn't recognize the name, it prompts you to repeat the name. If your phone cannot find a match, it displays and announces, "**Sorry No Match Found**."

5. The phone may display one or more names on the screen and prompt you to confirm the name you want. If this occurs, respond to the prompts with "**Yes**" or "**No**" as appropriate.

Tip: You can also choose a name from the choice list manually. Use the navigation key to highlight the name and then press OK.

If the name you say has more than one associated number, your phone displays the different locations (such as "home" or "work") and prompts you, "At which location?" In this case, pronounce the location that you wish to call. The phone dials the number.

Record a voice memo

Voice Memo allows you to quickly record a voice memo for later playback.

RECORD A VOICE MEMO USING VOICE KIT

1. Press and hold .

   "**Say a Command**" appears in the display and is announced through the speaker.

2. Say "**Voice Memo**."

   The phone prompts, "**Please Record After The Beep**."

3. Wait for the beep, then start speaking. As it is recording, the phone displays the elapsed time.

4. Press the right soft key ( ) **Stop** once you're finished recording. A pop-up menu displays with **Save** highlighted.
5. Press OK to save your voice memo and return to the idle screen.

For more information about the Voice Memo feature, see "Voice memo" on page 99.

Display a contact

To display a contact using voice kit commands, follow these steps.

DISPLAY A CONTACT USING VOICE KIT

1. Press and hold .

   "**Say a Command**" appears in the display and is announced through the speaker.
2. Say "**Contacts**."

   The phone prompts, "**Name Please**."
3. Say the full name of the person you want exactly as it is entered in your Contacts.
4. If your phone doesn't recognize the name, it prompts you to repeat the name. If your phone cannot find a match, it displays and announces, "**Sorry No Match Found**."
5. When your phone recognizes a match, it repeats the name and displays the information for the contact you requested.

Display your phone number

To display your phone number using voice kit commands, follow these steps.

DISPLAY YOUR PHONE NUMBER USING VOICE KIT

1. Press and hold .

   "**Say a Command**" appears in the display and is pronounced through the speaker.

2. Say "**My phone number**."

   The phone displays and announces your phone number.

3. Press to exit.

Voice memo

You can use the Voice kit feature to record a memo, or you can select the Voice Memo menu to record a memo for later playback. For more information on using the Voice kit to record a voice memo, see "Record a voice memo" on page 97.

The maximum number of voice memos is 10.

Record a memo using menus

1. In standby mode, press the left soft key ( ) **Menu**.
2. Press , , . The phone prompts, "**Please record after the beep**."
3. Wait for the beep, then start speaking. As it is recording, the phone displays the elapsed time.

- To pause the memo, press the left soft key ( ) **Pause**. When a memo is paused, press the left soft key ( ) **Resume** to resume recording.

4. Press the right soft key ( ) **Stop** once you're finished recording. A pop-up menu with the following options displays:

Option	Function
Save	Allows you to save the memo in the Review folder under the Voice Memo menu. See "Review and erase memos" below for more information.
Review	Allows you to listen to your memo.
Re-record	Allows you to record the memo again.
Quit	Cancels the Voice Memo feature and displays the idle screen.

5. Use the navigation key to highlight the option you want, then press OK. If you select **Save**, the memo is saved to the **Review** folder under Voice Memo and the idle screen displays.

Review and erase memos

You can review saved memos anytime.

1. In standby mode, press the left soft key ( ) **Menu**.
2. Press 8 TUV, 1, 2 ABC. A list of saved memos appears in the display.
3. Use the navigation key to highlight the memo you want to review.

4. Press OK to play the memo, or press left soft key ( ) **Option** to display the options listed in the following table.

Option	Function
Re-record	Record over the memo that you just recorded.
Erase	Allows you to erase the memo.
Edit Caption	Allows you to enter a title for your voice memo.
Information	Display information about your memo, such as its title, length size, and when it was recorded.

5. To erase the memo, use the navigation key to highlight Erase, then press OK.
6. Use the navigation key to highlight **Yes** to erase the memo, or **No** to cancel.
7. Press OK to confirm your selection.

Erase all memos

1. In standby mode, press the left soft key ( ) **Menu**.
2. Press 8 TUV, 1, 3 DEF. **Erase All Voice Memos?** appears in the display.
3. Use the navigation key to highlight **Yes** to erase all recorded memos, or **No** to cancel.
4. Press OK to confirm your selection.

Voice setup

To set the key or action that launches your voice kit, follow these steps.

1. In standby mode, press the left soft key ( ) **Menu**.
2. Press , , . The **Set Active** menu displays, and the following options are available.

   [*] Only
   [*]/Slide Up
   [*]/EarMic
3. Use the navigation key to highlight the option you want, then press to save and exit.

Your phone is initially set to [*], so that when you press and hold the key, the voice kit commands are activated. If you select one of the other options, such as Slide Up or EarMic, your phone will launch the voice kit commands when you open the slide or when you attach the optional headphone set to your phone, as well as when you press and hold the key.

Setup

Use the **Setup** menu to customize many of your phone's options to suit your preferences. Using this menu, you can set or change security features, shortcuts, language, and more.

Location

Location identifies your location to the network via GPS. You can fully enable this setting or set GPS to work only in the event that you dial 911.

Contact Verizon Wireless to determine if, when, or where location-based services are available.

1. In standby mode, press the left soft key (—) **Menu**, then press 9wxyz, 1 for **Location**. The **Location** settings listed in the following table appear in the display.

Location setting	Function
Location On	GPS location setting is on wherever the feature is available.
911 Only	GPS location setting is on whenever you dial 911 only.

2. Use the navigation key to highlight the option you want.
3. Press OK to select the desired **Location** setting. You're returned to the **Setup** menu.

Network

The Network menu allows you to select **Roam Option** and **NAM** settings for your phone. You can change your roaming options or store two **NAM** settings, which are essentially telephone numbers, for your phone.

1. In standby mode, press the left soft key ( ) **Menu**, then press 9, 2. The sub menus listed in the following table appear in the display.

Sub Menu	Function
Set NAM	If your service contract has two phone lines, set the NAM option for NAM 2 to use both lines. Otherwise, set the NAM option to NAM 1.
Roam Option	Set your phone's roaming options to Home only, Automatic-A, or Automatic-B.

2. Use the navigation key to highlight the sub menu you want, then press OK.
3. Use the navigation key and OK to highlight and select from the available options.

Data

Use the **Data** menu to configure data connection speed and auto detect settings.

1. In standby mode, press the left soft key ( ) **Menu**, then press 9, 3. The sub menus listed in the following table appear in the display.

Sub Menu	Function
Auto Detect	Select phone options for receiving data, or set data reception to off.
Baud Rate	Set the data connection rate.

2. Use the navigation key to highlight the sub menu you want, then press OK.
3. Use the navigation key and OK to highlight and select from the available options.

Security

Use the **Security** menu to lock your phone, set up emergency numbers, enable or disable voice privacy, set restrictions, and more.

Lock phone

Locking your phone prevents all outgoing calls, except 911 emergency calls, until you enter the (un)lock code. With the phone in lock mode, you can, however, answer incoming calls.

1. In standby mode, press the left soft key ( ) **Menu**, then press , for **Security**. You're prompted to enter the lock code. The default lock code is the last four digits of your telephone number.
2. Press for **Lock Phone**. The options listed in the following table appear in the display.

Option	Function
Never	The phone remains unlocked.
On power up	The phone locks automatically the next time your phone is powered on and stays locked until you enter the lock code.
Now	The phone locks immediately and stays locked until you enter the lock code.

3. Use the navigation key to highlight the **Lock Phone** option you want.
4. Press to select the option.

Change lock

The default lock code for your phone is the last four digits of your phone number. It is advisable to change the default lock code to a secret code for security purposes.

1. In standby mode, press the left soft key ( ) **Menu**, then press , for **Security**. You're prompted to enter the lock code. The default lock code is the last four digits of your telephone number.
2. Press for **Change Lock**. You're prompted to enter the new lock code.
3. Enter the new lock code. You're prompted to re-enter the new lock code for verification.
4. Enter the new lock code again. Your changes are stored.

Your phone does not allow you to view the lock code for security reasons. If you change the lock code, be sure to write down or memorize the new code.

Emergency numbers

Your phone provides the option of storing three emergency numbers. Each number can be up to 32 digits in length. All emergency numbers can be dialed manually at any time, even when your phone is in locked or restricted mode.

Emergency number 911 is coded into your phone. You can dial this number any time, even when the phone is locked or restricted. If you call 911, an audible tone is heard and an **Emergency** prompt appears in the display for the duration of the call.

Important! Because of various transmission methods, network parameters, and user settings necessary to complete a call from your wireless phone, a connection cannot always be guaranteed. Therefore, emergency calling may not be available on all wireless networks at all times.

Important! DO NOT depend on this phone as a primary method of calling 911 or for any other essential or emergency communications.

Remember to always turn your phone on and check for adequate signal strength before placing a call.

Store Emergency Numbers

1. In standby mode, press the left soft key ( ) **Menu**, then press , for **Security**. You're prompted to enter the lock code. The default lock code is the last four digits of your telephone number.
2. Enter the lock code, then press for **Emergency #**.
3. Press , , or to select one of the three entry options.
4. Enter the emergency number (up to 32 digits in length).
5. Press to save the number that you entered.

Call Emergency Numbers in Lock Mode

1. In standby mode, enter the emergency number using your keypad.
2. Press to place the call.

Voice privacy

Voice privacy allows you to prevent those you call from seeing your number in their display when receiving your call. Voice privacy options are **Standard** and **Enhanced**.

1. In standby mode, press the left soft key (—) **Menu**, then press 9, 4 **Security**. You're prompted to enter the lock code. The default lock code is the last four digits of your phone number.
2. Press 4 for **Voice Privacy**. The options listed in the following table appear in the display.

Option	Function
Standard	Voice privacy is disabled.
Enhanced	Voice privacy is enabled.

3. Use the navigation key to highlight the **Voice Privacy** option you want, then press OK.

Restriction

Restriction allows you to restrict the use of your phone for outgoing calls, incoming calls, and calls placed from your Contacts.

1. In standby mode, press the left soft key (—) **Menu**, then press 9, 4 **Security**. You're prompted to enter the lock code. The default lock code is the last four digits of your phone number.
2. Press 5 for **Restriction**.
3. Use the navigation key to highlight and select either **Outgoing**, **Incoming**, or calls to anyone in your **Contacts**.
4. Use the navigation key to highlight **Yes** or **No**, then press OK.

Erase memory

Erase memory erases your contacts and voice memo recordings. This feature is useful if you want to give your phone to a friend or family member.

1. In standby mode, press the left soft key ( ) **Menu**, then press 9, 4 **Security**. You're prompted to enter the lock code. The default lock code is the last four digits of your telephone number.
2. Press 6 for **Erase Memory**. A confirmation prompt appears in the display.
3. Use the navigation key to highlight **Yes** or **No**, then press OK. A confirmation message appears in the display while the memory is erased.

Reset phone

The **Reset Phone** feature restores the factory default settings, while erasing your saved options and clearing your call logs. This cannot be undone once the confirmation message is accepted.

1. In standby mode, press the left soft key ( ) **Menu**, then press 9, 4 **Security**. You're prompted to enter the lock code. The default lock code is the last four digits of your telephone number.
2. Press 7 for **Reset Phone**. A prompt appears in the display asking if you want to restore default settings (except for the Contacts).
3. Use the navigation key to highlight **Yes** or **No**, then press OK.

Others

The **Others** menu contains options for setting Call Answer mode, Language, and other settings.

Shortcut

The up navigation key can be customized to launch any one of numerous applications or functions while in standby mode. Use the **Shortcut** menu to choose the application that you want the up navigation key to launch.

1. In standby mode, press the left soft key ( ) **Menu**, then press , , for **Shortcut**. The following functions appear in the display.

   Scheduler
   Voice Memo
   Animation
   Ringer Type
   Alarm
   Calculator
   Memo Pad

2. Use the navigation key to highlight the function you want, then press .

   You can now press the navigation up key in standby mode to launch the function selected.

Call answer

You can select a specific answer mode when you receive an incoming call. Set your phone to any of the following options.

- **Send Key**: Press to answer an incoming call.
- **Send or Slide Up**: Press or open the slide to answer an incoming call.
- **Slide Up**: Open the slide to answer an incoming call.
- **Any Key**: Press any key except to answer an incoming call.

1. In standby mode, press the left soft key ( ) **Menu**, then press , , for **Call Answer**. The **Call Answer** menu appears in the display with the following options:

   Send Key
   Send or Slide Up
   Slide Up
   Any Key

2. Use the navigation key to highlight the option you want to use for answering calls, then press .

Call end

Call end allows you to set how you will end a call. Set your phone to one of the following options.

- **End Key Only**: Press to end a call.
- **Slide Down**: Close the slide to end a call.

1. In standby mode, press the left soft key ( ) **Menu**, then press , , for **Call End**. The **Call End** menu appears in the display with the following options:

   End Key Only
   Slide Down

2. Use the navigation key to highlight the setting you want, then press OK.

Auto retry

Auto Retry automatically re-dials a number if the call does not connect. Depending upon your location, the number of times your phone automatically dials the number may vary.

1. In standby mode, press the left soft key (Menu) **Menu**, then press 9, 5, 4 for **Auto Retry**. The **Auto Retry** menu appears in the display with the following options.

   Off
   Every 10 sec
   Every 30 sec
   Every 60 sec

2. Use the navigation keys to highlight the setting you want, then press OK.

Language

The language option on your phone changes the language of voice prompts, menus, and key-input.

1. In standby mode, press the left soft key (Menu) **Menu**, then press 9, 5, 5 for **Language**.The **Language** menu appears in the display with the following options.

   English
   Spanish

2. Use the navigation key to highlight your language preference, then press OK.

Clock set

Use the **Clock Set** menu to set the current date and time.

1. In standby mode, press the left soft key (—) **Menu**, then press 9, 5, 6 for **Clock Set**.
2. Enter the current time and date using your keypad. The month, day, hour and minute must be entered with 2 digits. The year requires all four digits, and you must enter the hour in 24-hour format.
3. Press OK to save the time and date.

In digital service mode, the Main Clock feature is disabled. The network adjusts time and date automatically.

Version

You can view both the software and hardware version of your phone using this feature. This feature is helpful if you need to contact Customer Service.

1. In standby mode, press the left soft key (—) **Menu**, then press 9, 6 for **Version**. Your phone's hardware and software information appears in the display.
2. Press OK to return to the **Setup** menu.

TTY/TDD

Your phone is fully TTY/TDD compatible. TTY/TDD equipment is connected to your phone through the headset connector on the left side of the phone. TTY/TDD must be enabled before you can use your phone with a TTY/TDD device.

1. In standby mode, press the left soft key ( ) **Menu**, then press 7 pqrs, 0 +. **TTY/TDD Lock** appears in the display.
2. Enter the lock code. The default is , 8 tuv, 8 tuv, 9 wxyz (or #TTY). **TTY Full** and **TTY Off** appear in the display.
3. Use the navigation key to highlight your selection, then press OK. You're returned to the **Sounds** menu.

The TTY icon ( ) appears in the top of the display when the phone is in standby mode.

Usage guidelines: all about performance and safety

Getting the most out of your reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key. Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Knowing Radio Frequency Safety

The design of your phone complies with updated NCRP standards described below.

In 1991-92, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers and physicians from universities, government health agencies and industries developed this updated standard after reviewing the available body of research. In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- Hold the phone with the antenna raised, fully-extended and over your shoulder.
- Try not to hold, bend or twist the phone's antenna.
- Don't use the phone if the antenna is damaged.
- Speak directly into the phone's receiver.

- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, return it to Verizon Wireless or call Customer Care for service.

Maintaining safe use and access to your phone

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN THE U.S.A., USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

10 Driver Safety Tips

Your wireless telephone gives you the powerful ability to communicate by voice - almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.

2. When available, use a hands free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today. Please Note: Hands free devices are required by law in some areas. You are solely responsible for ensuring that your phone use complies with all applicable laws.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a “to do” list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.

8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies. Remember, it is a free call on your wireless phone!

9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.

10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no on appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

Following Safety Guidelines

Always turn off the phone in health care facilities and request permission before using the phone near medical equipment.

To operate your phone safely and efficiently, always follow any special regulations in a given area. Turn your phone off in areas where use is forbidden or when it may cause interference or danger.

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, RF signals from wireless phones may affect inadequately shielded electronic equipment.

RF signals may affect improperly installed or inadequately shielded electronic operating systems and/or entertainment systems in motor vehicles. Check with the manufacturer or their representative to determine if these systems are adequately shielded from external RF signals. Also check with the manufacturer regarding any equipment that has been added to your vehicle.

Consult the manufacturer of any personal medical devices, such as pacemakers and hearing aids, to determine if they are adequately shielded from external RF signals.

Turning Off Your Phone Before Flying

Turn off your phone before boarding any aircraft. To prevent possible interference with aircraft systems, the U.S. Federal Aviation Administration (FAA) regulations require you to have permission from a crew member to use your phone while the plane is on the ground. To prevent any risk of interference, FCC regulations prohibit using your phone while the plane is in the air.

Turning Off Your Phone in Dangerous Areas

To avoid interfering with blasting operations, turn off your phone when in a blasting area or in other areas with signs indicating that two-way radios should be turned off. Construction crews often use remote-control RF devices to set off explosives.

Never transport or store flammable gas, liquid or explosives in the compartment of your vehicle that contains your phone or accessories.

Turn off your phone when you're in any area that has a potentially explosive atmosphere. Although it's rare, your phone or its accessories could generate sparks. Sparks could cause an explosion or a fire resulting in bodily injury or even death. These areas are often, but not always, clearly marked. They include:

- Fueling areas such as gas stations.
- Below deck on boats.
- Fuel or chemical transfer or storage facilities.
- Areas where the air contains chemicals or particles such as grain, dust or metal powders.
- Any other area where you would normally be advised to turn off your vehicle's engine.

Restricting Children's Access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

Caring for the battery

The guidelines listed below help you get the most out of your battery's performance.

- Use only Samsung-approved batteries and desktop chargers. These chargers are designed to maximize battery life. Using other batteries or chargers voids your warranty and may cause damage.
- In order to avoid damage, charge the battery only in temperatures that range from 32º F to 104º F (0º C to 40º C).
- Don't use the battery charger in direct sunlight or in high humidity areas, such as the bathroom.

- Never dispose of the battery by incineration.
- Keep the metal contacts on top of the battery clean.
- Don't attempt to disassemble or short-circuit the battery.
- The battery may need recharging if it has not been used for a long period of time.
- It's best to replace the battery when it no longer provides acceptable performance. It can be recharged hundreds of times before it needs replacing.

Don't store the battery in high temperature areas for long periods of time. It's best to follow these storage rules:
Less than one month:
32º F to 131º F (0º C to 55º C)

More than one month:
32º F to 104º F (0º C to 40º C)

Disposal of Lithium Ion (Li-Ion) Batteries

For safety, do not handle a damaged or leaking Li-Ion battery.

For safe disposal options of your Li-Ion batteries, contact your nearest Samsung-authorized service center.

Special Note: Be sure to dispose of your battery properly. In some areas, the disposal of batteries in household or business trash may be prohibited.

Special precautions and FCC notices

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Body-Worn Operation

To maintain compliance with FCC RF exposure guidelines, if you wear a handset on your body, use the Samsung supplied or approved carrying case, holster or other body-worn accessory. If you do not use a body-worn accessory, ensure that the antenna is at least one inch (2.5 centimeters) from your body when transmitting. Use of non- Samsung approved accessories may violate FCC RF exposure guidelines.

For more information about RF exposure, please visit the FCC website at www.fcc.gov.

This Model Phone Meets The Government's Requirements For Exposure To Radio Waves.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg.* Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 1.26 W/kg and when worn on the body, as described in this user guide, the highest SAR value is 1.31 W/kg (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID **A3LSCHN330**.

In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at http://www.wow-com.com.

FDA consumer update

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that it is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to a interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Committee
- Occupational Safety and Health Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities about wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the

wireless exposures that people get from these base stations are typically thousands of times lower than those they get from wireless phones. Base stations are thus not the subject of the safety questions discussed in this document.

What kinds of phones are the subject of this update?

The term “wireless phones” refers here to hand-held wireless phones with built-in antennas, often called “cell,” “mobile,” or “PCS”. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user’s head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person’s RF exposure decreases rapidly with increasing distance from the source. The so-called “cordless phones” which have a base unit connected to the phone wiring in a house, typically operate at far lower per levels, and thus produce RF exposures far below the FCC safety limits.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could Accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor

development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glaucoma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures. However, none of the studies can answer questions about long-term exposures, since average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health threat?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is because the

interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of tis work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The project has also helped develop a series of public information documents on EMF issues.

FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad

assessment of additional research needs in the context of the latest research developments around the world.

How can I find out how much radio frequency energy exposure I can get by using my wireless phone?

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit radio frequency energy (RF) exposures. FCC established these guidelines in consultation with FDA and other federal health and safety agencies. The FCC limit for exposure from wireless telephones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineering (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissue that absorb energy from the wireless phone and is set well below levels known to have effects.

Manufacturers of wireless phones must report the RF exposure level for each model of phone to the FCC. The FCC website (http://www.fcc.gov/oet/rfsafety) gives directions for locating the FCC identification number on your phone so you can find your phone's RF exposure level in the online listing.

What has FDA done to measure the radio frequency energy coming from wireless phones?

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the radio frequency energy (RF) exposure from wireless phones and other wireless hand sets with the participation and leadership of FDA scientists and engineers. The standard, "Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques," sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissue-simulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products--and at this point we do not know that there is--it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measured described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed on late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI.

FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a “compatible” phone and a “compatible” hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Where can I find additional information?

For additional information, please refer to the following resources:

- FDA web page on wireless phones (http://www.fda.gov/cellphones/)
- Federal Communications Commission FCC) RF Safety Program (http://www.fcc.gov/oet/rfsafety)
- International Commission on Non-Ionizing Radiation Protection (http://www.icnirp.de)
- World Health Organization (WHO) International EMF Project (http://www.who.int/peh-emf/en/)
- National Radiological Protection Board (UK) (http://www.nrpb.org/)

CTIA Safety Information

Exposure to radio frequency signals

Your wireless hand held portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standard bodies:

- ANSI C95.1 (1992)
- NCRP Report 86 (1986)
- ICNIRP (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

The design of your phone complies with the FCC guidelines (and those standards).

Antenna care

Use only the specified of approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone operation

NORMAL POSITION: Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

TIPS ON EFFICIENT OPERATION:

For your phone to operate most efficiently:

- Extend your antenna fully.
- Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Driving

Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

- Give full attention to driving--driving safety is your first responsibility.

- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Electronic devices

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against RF signals from your wireless phone.

PACEMAKERS

The Health Industry Manufacturers Association recommends that a minimum separation of six (6”) inches be maintained between a hand-held wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the pacemaker is turned on;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

HEARING AIDS

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference

noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones. *Optional for each phone manufacturer.*

Other medical devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted facilities

Turn your phone OFF in any facility where posted notices so require.

Aircraft

FCC regulations prohibit using your phone while in the air. Switch OFF your phone before boarding an aircraft.

Blasting areas

To avoid interfering with blasting operations, turn your phone OFF when in a “blasting area” or in areas posted: “Turn off two-way radio”. Obey all signs and instructions.

Potentially explosive atmospheres

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions.

Sparks in such areas could cause an explosion or fire resulting in bodily injury of even death.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

For vehicles equipped with an air bag

An air bag inflates with great force. DO NOT place objects, including both installed or portable wireless equipment, in the area over the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Owner's record

The model number, regulatory number and serial number are located on a nameplate inside the battery compartment. Record the serial number in the space provided below. This will be helpful if you need to contact us about your phone in the future.

Model: SCH-n330

Serial No.:

User guide proprietary notice

CDMA Technology is licensed by QUALCOMM Incorporated under one or more of the following patents:

4,901,307	5,109,390	5,267,262	5,416,797
5,506,865	5,544,196	5,657,420	5,101,501
5,267,261	5,414,796	5,504,773	5,535,239
5,600,754	5,778,338	5,228,054	5,337,338
5,710,784	5,056,109	5,568,483	5,659,569
5,490,165	5,511,073		

T9 Text Input is licensed by Tegic Communications and is covered by U.S. Pat. 5,818,437, U.S. Pat. 5,953,541, U.S. Pat. 6,011,554 and other patents pending.

Limited warranty

1. **What is Covered and For How Long?**
   SAMSUNG TELECOMMUNICATIONS AMERICA, L.P. ("SAMSUNG") warrants the original ("Purchaser") that SAMSUNG's phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for a period commencing on the date of purchase and continuing for the specified period of time after the date:

   - Phone - 1 year
   - Batteries - 1 year
   - Leather Case/Pouch/Holster - 90 Days
   - Other Phone Accessories - 1 year

2. **What is Not Covered?**
   The limited warranty is conditioned upon proper use of Product by Purchaser. This limited warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical, or electromechanical stress, modifications of any part of the Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal usage; (d) malfunctions resulting from the use of Product in conjunction with the accessories, products, ancillary, or peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of product, or (g) Product used or purchased outside the United States or Canada. This Limited Warranty covers

batteries only if the battery falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

3. **What are SAMSUNG's Obligations?**

During the applicable warranty period, SAMSUNG will repair or replace at SAMSUNG's sole option, without charge to purchaser, any defective component part of the phone or accessory. To obtain service under this limited warranty, purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable proof of sale showing the date of purchase, the serial number of Product, and the seller's name and address. To obtain information on where to deliver the phone or accessory, call your service provider or Samsung Customer Care at (888) 987-4357. Upon receipt, SAMSUNG will promptly repair the defective product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any product or replace a product with a rebuilt, reconditioned, or new product. Repaired products will be warranted for a period equal to the remainder of the original limited warranty on the original product or for 90 days, whatever is longer. All replaced parts, components, boards, and equipment becomes the property of SAMSUNG. If SAMSUNG

determines that any product is not covered by this limited warranty, purchaser must pay all parts, shipping, and labor charges for the repair or return of said product.

4. **What Are the Limits On SAMSUNG's Liability?**
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- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

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